

Subject Index—Volume 49

No. 1, January 1, pp. 1-204
 No. 2, January 15, pp. 205-412
 No. 3, February 1, pp. 413-618
 No. 4, February 15, pp. 619-834
 No. 5, March 1, pp. 835-1066
 No. 6, March 15, pp. 1067-1320

No. 7, April 1, pp. 1321-1510
 No. 8, April 15, pp. 1511-1738
 No. 9, May 1, pp. 1739-1952
 No. 10, May 15, pp. 1953-2216
 No. 11, June 1, pp. 2217-2436
 No. 12, June 15, pp. 2437-2654

A

Abdominal computed tomography, in small-cell lung cancer, 1485
 Abdominal wall sarcomas, in childhood, 2512
 ABH antigens, in urothelium, 2476
 ACTH, in cells of ovarian carcinoids, 68
 Actinomycin D
 DTIC with, in melanoma, 2246
 in preoperative combination chemotherapy, in osteogenic sarcoma, 1221
 tourniquet infusion or hyperthermic perfusion of, 850
 Adenocarcinoma. *See anatomic sites of tumors*
 Adenomas
 colorectal
 chromosome aberrations in, 1413
 in Oslo, 819
 G-cell, and biliary cirrhosis, 2596
 in hamartomatous polyps of small bowel, 971
 myoepithelial cell, of parotid gland, 288
 Adenomatoid tumors, histogenesis of, 2349
 Adenosis of prostate, 826
 Adenylate kinase, in lung tumor specimens, 460
 Adrenal gland, myelolipoma of, 952
 Adrenalectomy, medical, in breast cancer, 1145
 Adriamycin. *See* Doxorubicin
 AF-2 food additive, mutagens in, 1970
 Alcohol intake, and development of cirrhosis and hepatocellular carcinoma, 672
 Alcoholic beverages, mutagens in, 1970
 Alpha fetoprotein. *See* α -Fetoprotein
 Ames test for carcinogens, 1970
 Amino acids, pyrolysates of, mutagens in, 1970
 Aminoglutethimide, in breast cancer, 1145
 AMSA in melanoma, affecting spermatogenesis, 2459
 Analgesics, and renal pelvic cancer, 2617
 Androgen
 binding sites in prostatic cancer, 984
 as therapy in agnogenic myeloid metaplasia, response to, 308
 Anemia
 acquired sideroblastic, and acute myelosclerosis, 2497
 autoimmune hemolytic, in Hodgkin's disease, 1702
 Angiofibroma, nasopharyngeal, sarcomatous transformation of, 369
 Angiomatoid fibrous histiocytoma, 2103
 Angiosarcoma
 of bone, 727
 of heart, nuclear scan in, 2587

hepatic, thorotrast-induced, 2161
 of uterus and ovary, 1469
 Animal models, related to human cancer, 1206
 Antibody-dependent cell-mediated cytotoxicity in cancer, 251
 α_1 -Antitrypsin levels
 in breast cancer, 502
 deficiency in hepatocellular carcinoma, 2537
 Anxiety, and prechemotherapy vomiting, 201
 Aplysiatoxin, as tumor promoter, 1970
 Appendix, adenocarcinoma of, 797
 Ara-C. *See* Cytosine arabinoside
 Argentaffin cell carcinoma of stomach, with multiple secretions, 1904
 Argyrophil cell carcinoma of stomach, with multiple secretions, 1904
 Arylamines, bladder cancer from, 1056
 Asbestos exposure, and mesothelioma of tunica vaginalis testis, 119
 Ascites, malignant, LeVeen shunt in, 600
 Asparaginase
 anaphylactoid reactions to, 1378
 in combination chemotherapy, in adult ALL, 846
 prior to cytosine arabinoside, and pancreatitis development, 1384
 Aspergillosis, pericarditis in, 48
 Astrocytoma
 of cerebral aqueduct, 154
 with Wilms-like tumor in brain, 2505
 5-Azacytidine, in acute nonlymphocytic leukemia, 2222

B

Basal cell carcinoma
 aggressive behavior of, 533
 in children, 350
 BCG immunotherapy
 in acute myelogenous leukemia, 1530
 chemotherapy with
 in breast cancer, 1537, 1754
 with radiotherapy in small-cell lung cancer, 2252
 in melanoma, granulomas from, 55
 methanol extraction residue (MER) and antibody-dependent cell-mediated cytotoxicity in cancer, 251
 in Hodgkin's disease, 2226
 postoperative, in canine osteosarcoma, 1613
 tumor cell vaccines with
 and effects of isoniazid, 659
 in inflammatory breast cancer, 1266

Subject Index—Volume 49

No. 1, January 1, pp. 1-204
 No. 2, January 15, pp. 205-412
 No. 3, February 1, pp. 413-618
 No. 4, February 15, pp. 619-834
 No. 5, March 1, pp. 835-1066
 No. 6, March 15, pp. 1067-1320

No. 7, April 1, pp. 1321-1510
 No. 8, April 15, pp. 1511-1738
 No. 9, May 1, pp. 1739-1952
 No. 10, May 15, pp. 1953-2216
 No. 11, June 1, pp. 2217-2436
 No. 12, June 15, pp. 2437-2654

A

Abdominal computed tomography, in small-cell lung cancer, 1485
 Abdominal wall sarcomas, in childhood, 2512
 ABH antigens, in urothelium, 2476
 ACTH, in cells of ovarian carcinoids, 68
 Actinomycin D
 DTIC with, in melanoma, 2246
 in preoperative combination chemotherapy, in osteogenic sarcoma, 1221
 tourniquet infusion or hyperthermic perfusion of, 850
 Adenocarcinoma. *See anatomic sites of tumors*
 Adenomas
 colorectal
 chromosome aberrations in, 1413
 in Oslo, 819
 G-cell, and biliary cirrhosis, 2596
 in hamartomatous polyps of small bowel, 971
 myoepithelial cell, of parotid gland, 288
 Adenomatoid tumors, histogenesis of, 2349
 Adenosis of prostate, 826
 Adenylate kinase, in lung tumor specimens, 460
 Adrenal gland, myelolipoma of, 952
 Adrenalectomy, medical, in breast cancer, 1145
 Adriamycin. *See* Doxorubicin
 AF-2 food additive, mutagens in, 1970
 Alcohol intake, and development of cirrhosis and hepatocellular carcinoma, 672
 Alcoholic beverages, mutagens in, 1970
 Alpha fetoprotein. *See* α -Fetoprotein
 Ames test for carcinogens, 1970
 Amino acids, pyrolysates of, mutagens in, 1970
 Aminoglutethimide, in breast cancer, 1145
 AMSA in melanoma, affecting spermatogenesis, 2459
 Analgesics, and renal pelvic cancer, 2617
 Androgen
 binding sites in prostatic cancer, 984
 as therapy in agnogenic myeloid metaplasia, response to, 308
 Anemia
 acquired sideroblastic, and acute myelosclerosis, 2497
 autoimmune hemolytic, in Hodgkin's disease, 1702
 Angiofibroma, nasopharyngeal, sarcomatous transformation of, 369
 Angiomatoid fibrous histiocytoma, 2103
 Angiosarcoma
 of bone, 727
 of heart, nuclear scan in, 2587

hepatic, thorotrast-induced, 2161
 of uterus and ovary, 1469
 Animal models, related to human cancer, 1206
 Antibody-dependent cell-mediated cytotoxicity in cancer, 251
 α_1 -Antitrypsin levels
 in breast cancer, 502
 deficiency in hepatocellular carcinoma, 2537
 Anxiety, and prechemotherapy vomiting, 201
 Aplysiatoxin, as tumor promoter, 1970
 Appendix, adenocarcinoma of, 797
 Ara-C. *See* Cytosine arabinoside
 Argentaffin cell carcinoma of stomach, with multiple secretions, 1904
 Argyrophil cell carcinoma of stomach, with multiple secretions, 1904
 Arylamines, bladder cancer from, 1056
 Asbestos exposure, and mesothelioma of tunica vaginalis testis, 119
 Ascites, malignant, LeVeen shunt in, 600
 Asparaginase
 anaphylactoid reactions to, 1378
 in combination chemotherapy, in adult ALL, 846
 prior to cytosine arabinoside, and pancreatitis development, 1384
 Aspergillosis, pericarditis in, 48
 Astrocytoma
 of cerebral aqueduct, 154
 with Wilms-like tumor in brain, 2505
 5-Azacytidine, in acute nonlymphocytic leukemia, 2222

B

Basal cell carcinoma
 aggressive behavior of, 533
 in children, 350
 BCG immunotherapy
 in acute myelogenous leukemia, 1530
 chemotherapy with
 in breast cancer, 1537, 1754
 with radiotherapy in small-cell lung cancer, 2252
 in melanoma, granulomas from, 55
 methanol extraction residue (MER) and antibody-dependent cell-mediated cytotoxicity in cancer, 251
 in Hodgkin's disease, 2226
 postoperative, in canine osteosarcoma, 1613
 tumor cell vaccines with
 and effects of isoniazid, 659
 in inflammatory breast cancer, 1266

BCNU

in combination chemotherapy, in nodular histiocytic lymphoma, 840

ocular side effects of, 1999

Bile duct anatomy, and pancreatic carcinogenesis, 361

Biliary cirrhosis, and G-cell adenoma, 2596

Biliary obstruction, carcinomatous, intracatheter radium therapy in, 1321

Biopsy

of bone marrow, in breast cancer, 513

of breast

in intraductal carcinoma, 751

for localization of occult lesions, 1142

of pancreas, 1035

Bladder

ABH antigens in urothelium, 2476

intestinovesical fistula in CLL, 2165

tumors of

chemical carcinogens in, 1056

flow cytometry of, 109

intraarterial chemotherapy in, 640

in Liberia, 1945

murine cell lines for drug testing in stem cell assay, 323

preoperative radiation and cystectomy in, 869

Blastoma, pulmonary, 1829

with cystic lung disease, 669

Blastomycosis, in hairy-cell leukemia, 1924

Bleomycin

in combination chemotherapy

in brain metastases from germ cell tumors, 12

in diffuse histiocytic lymphoma, 1746

in esophageal cancer, 1174

in head and neck cancer, 1358

in nodular histiocytic lymphomas, 840

preoperative, in osteogenic sarcoma, 1221

intravenous infusions in lymphomas, 1346

mitomycin-C with, in cervical cancer recurrence, 2242

Blood group antigens, in urothelium, 2476

Bone

in hairy-cell leukemia, 1697

hemangioendothelioma of, 727

histology in pseudohyperparathyroidism, 1449

in Hodgkin's disease, 338

malignant fibrous histiocytoma of, 698

sarcoma of. *See* Osteosarcoma

scanning in gynecologic cancers, 1040

in soft tissue, in malignant fibrous histiocytoma, 480

Bone marrow

autologous, after chemotherapy in childhood tumors, 603

biopsy in breast cancer, 513

in lymphomas, 888

neutrophil reserve after chemotherapy in breast cancer, 2455

in systemic mast cell disease, 927

transplantation of, 1963

Botryoid rhabdomyosarcoma of gallbladder, in child, 812

Bracken, carcinogenic, 1970

Brain

prophylactic radiation of. *See* Radiotherapy, in prophylaxis of CNS

tumors of. *See* Intracranial tumors

Breast

cancer of

adrenalectomy in, medical, 1145

adriamycin infusions in, intravenous, 1762

and antigen cross-reactive with mouse mammary tumor virus, 261

bone marrow biopsy in, 513

and brain metastases after adjuvant chemotherapy, 651

cardiac tamponade in, 1929

and CEA as marker in adjuvant chemotherapy, 1859

and chest wall reconstruction, 1286

comparison of treatment programs in, 1988

estrogen receptor assays in

biochemical and histochemical, 2148

dextran-coated charcoal or immunoperoxidase in, 2153

microsamples for, 2383

fecal steroid levels in, 1201

5-fluorouracil and mitomycin-C in, 217

follow-up of treatment programs in, 1754

high-frequency low-dose chemotherapy in, 2231

inflammatory, 1266

chemoimmunotherapy in, 1537

interval cancers, 2527

intraductal, follow-up after biopsy only, 751

leptomeningeal metastases from, 759

leukocyte adherence inhibition assay in, 1185

in Liberia, 1945

lymphocyte subpopulations in, 1456

in males

cyproterone acetate in, 9

treatment results in, 403

megestrol in, after tamoxifen, 413

multicentric, 1123

and nevus cell aggregate in axillary lymph node, 269

peptichemo versus melphalan in, 1767

radiotherapy in, 30, 1587

pleomorphic liposarcoma from, 878

lymphedema of breast from, 2295

postoperative, 1194, 1316

and risk factors for histologic subtypes, 1937

serum proteins as markers in, 502

skin tests in, 2034

surgery in. *See* Mastectomy

in true hermaphrodite, 1481

tumor markers in, and response to therapy, 1236

in young women, 1302

fibrocystic disease of, steroid receptors in, 2534

occult lesions in, localization of, 1142

papillomatosis of, juvenile, 2591

Bronchioloalveolar carcinoma, 881

Bronchoscopy, fluorescence, in lung cancer, 777

Burkitt's leukemia, 1444

Burkitt's lymphoma

American registry of, 1016

compared to non-Burkitt's type, 1817

in Liberia, 1945

Busulfan, ocular side effects of, 1999

Butanol extracts, immunotherapy with, 1168

C

Calcification, psammomatous, in gastric cancer, 788

Calcitonin

and CEA levels in thyroid tumors, 2342

in cells of ovarian carcinoids, 68

Calcium levels

hypercalcemia of malignancies

in gynecologic tumors, 2389

in ovarian small-cell carcinoma, 188

- and prostaglandin E₂ levels, 556
- in pseudohyperparathyroidism, 1449
- in hyperparathyroidism with thyroid cancer, after radiation exposure, 874
- in parathyroid carcinoma, 388
- Cancer programs in 1980, 1739
- Carbohydrate metabolism, in childhood ALL, 145
- Carcinoembryonic antigen
 - in breast cancer
 - in adjuvant therapy, 1859
 - and response to therapy, 1236
 - and calcitonin levels in thyroid tumors, 2342
 - distribution on colon cancer cell surfaces, 2077
 - in glomeruli and in palatal tumor cells, 2097
 - in inclusion cysts of ovary, 722
 - produced by gastric argyrophil carcinoma, 1904
 - in uterine cervix cancer, 379, 1866
- Carcinogenesis
 - chemically induced bladder cancer, 1056
 - in experimental models, 1206
 - radiation-induced, and coexistent thyroid cancer and hyperparathyroidism, 874
- Carcinogenic agents in food, 1970
- Carcinoid tumors
 - malignant, in children, 802
 - metastatic, in ovarian teratoma, 2541
 - ovarian, neurohormones in, 68
- Carcinoma. *See anatomic sites of tumors*
- Carcinomatosis, meningeal, delayed onset of, 173
- Carotid body tumor, pheochromocytoma with, familial, 2578
- Cartilage in soft tissue, in malignant fibrous histiocytoma, 480
- Castleman's disease, intracellular immunoglobulins in, 2376
- CCNU
 - in combination chemotherapy, in small-cell lung cancer, 1544
- methyl-CCNU
 - in combination chemotherapy
 - in colorectal cancer, 1555
 - in gastric carcinoma, 1362, 1771
 - postoperative, in gastric cancer, 1116
 - ocular side effects of, 1999
- Central nervous system
 - meningeal myelomatosis with cranial nerve palsies, 1710
 - prophylactic radiation of. *See Radiotherapy, in prophylaxis of CNS*
 - prophylaxis with radiogold and methotrexate in childhood leukemia, 224
 - spinal cord compression in lymphomas, treatment of, 2446
 - toxicity of misonidazole, 423
 - tumors of brain. *See Intracranial tumors*
- Cerebellar hemangioblastomas, 553
- Cerebral tumors. *See Intracranial tumors*
- Cerebriform T-cell lymphoma, 1839
- Cerebrospinal fluid, cisternal examination in meningeal carcinomatosis, 173
- α_2 -Ceruloplasmin levels, in breast cancer, 502
- Cervix uteri cancer
 - bleomycin and mitomycin-C in recurrences of, 2242
 - carcinoembryonic antigen in, 379, 1866
 - extension into endometrium, radiotherapy in, 2015
 - four-drug combination chemotherapy in, 2437
 - glandular neoplasms
 - clinicopathologic study of, 2560
 - nuclear DNA analysis in, 2571
- in Liberia, 1945
- morphology of adenocarcinoma *in situ*, 294
- and postradiation sarcoma, 434
- pulmonary metastasis of, 1705
- radiation-induced regression of, 35
- and radiation after radical hysterectomy, 1278
- scans of liver and bone in, 1040
- Chemodectoma, pheochromocytoma with, familial, 2578
- Chemoimmunotherapy
 - BCG in. *See BCG immunotherapy*
 - in breast cancer, 1537, 1754
 - in melanoma, 1387, 2246
 - radiation with, in small-cell lung cancer, 2252
- Chemotherapy. *See also specific therapeutic agents*
 - and antibody-dependent cell-mediated cytotoxicity in cancer, 251
 - anticipatory vomiting in, 201
 - and autologous marrow rescue in childhood tumors, 603
 - and drug testing in tumor stem cell assay, 323
 - and endocrine function in ALL, 145
 - erythroleukemia from, in lung cancer, 221
 - and extravasation of antitumor agents, 1796
 - hyperthermia with. *See Thermochemotherapy*
 - immunotherapy with. *See Chemoimmunotherapy*
 - intraarterial, in bladder cancer, 640
 - intrathecal, radiation with. *See Radiotherapy, in prophylaxis of CNS*
 - intravenous, bleomycin in, in lymphomas, 1346
 - and lactose malabsorption in children, 646
 - in myeloblastoma with acute myelogenous leukemia, 637
 - ocular side effects of, 1999
 - and pericarditis in aspergillosis, 48
 - postoperative
 - in breast cancer, 1754
 - and brain metastases incidence, 651
 - CEA as marker in, 1859
 - and marrow neutrophil reserve, 2455
 - in Ewing's sarcoma, 1561
 - in gastric cancer, 1116
 - preoperative
 - in inflammatory breast cancer, 1266
 - in osteogenic sarcoma, 1221
 - radiotherapy with
 - BCG with, in small-cell lung cancer, 2252
 - in brain metastases from germ cell tumors, 12
 - in Ewing's sarcoma, 1561
 - in gastric carcinoma, 1771
 - in inflammatory breast cancer, 1266
 - in rhabdomyosarcoma, 1
 - in small-cell lung cancer, 2003
 - in Wilms' tumor of childhood, and pregnancy outcomes in survivors, 2285
 - regional tourniquet infusion and hyperthermic perfusion methods in, 850
 - and testicular function in Hodgkin's disease, 418
- Chest wall
 - reconstruction of, 1286
 - sarcomas in childhood, 2512
- Children
 - anaphylactoid reactions to asparaginase, 1378
 - autologous marrow rescue after chemotherapy, 603
 - basal cell epithelioma, 350
 - botryoid rhabdomyosarcoma of gallbladder, 812
 - carcinoid tumors, malignant, 802

- colorectal cancer in adolescents, 1716
 dysgerminoma of ovary, 2608
 endocrine assessment in ALL, 145
 lactose malabsorption after chemotherapy, 646
 long-term effects of radiotherapy for brain tumors, 1580
 mediastinal teratoma, 398
 neuromuscular hamartoma, 140
 papillomatosis of breast, juvenile, 2591
 reticulohistiocytosis, self healing, 331
 sarcoma, infantile, 2365
 soft-tissue sarcoma of trunk, 2612
 survival rates in rhabdomyosarcoma of head and neck, 2217
 Wilm's tumor in, and reproductive effects of therapy, 2285
- Chlorambucil, ocular side effects of, 1999
- Cholangiocarcinoma, thorotrast-induced, 2161
- Cholecystectomy, and colorectal cancer incidence, 1713
- Cholesterol, fecal levels of, and breast cancer risk, 1201
- Chondroid syringoma, malignant, 1690
- Chondrosarcoma, in osteochondroma, 1890
- Chorionic gonadotropin. *See* Gonadotropin, chorionic
- Chromate, lung cancer from, 783
- Chromosome abnormalities
 in acute nonlymphocytic leukemia, and response to 5-azacytidine, 2222
 in agnogenic myeloid metaplasia, 308
 in colorectal adenomas, 1413
 from melphalan in ovarian carcinoma, 2234
 translocation in Sézary syndrome, 75
- Cirrhosis
 alcohol intake related to, 672
 biliary, and G-cell adenoma, 2596
 and hepatocellular carcinoma, 450
- Cisplatin
 in combination chemotherapy
 in brain metastases from germ cell tumors, 12
 in esophageal cancer, 1174
 in ovarian carcinoma, 1778
 hyperthermia with, affecting renal function, 25
 intraarterial, in bladder cancer, 640
 in invasive thymoma, 1985
 nephrotoxicity of, 1784
 ocular side effects of, 1999
- Clara cells, bronchiolar, in lung tumors, 881
- Clear cell tumors
 adenocarcinoma of female urethra, 372
 carcinoma of endometrium, 1511
 sarcoma with immunodeficiency, 234
- Clivorine, mutagenicity of, 1970
- Coccidioidomycosis, in hairy-cell leukemia, 1924
- Coffee, mutagens in, 1970
- Cancer
 in adolescents, 1716
 cholecystectomy role in, 1713
 combination chemotherapy in, 1555
 immunoabsorption therapy in, 1800
 intraoperative irradiation in, 2259
 and localization of CEA on cell surfaces, 2077
 monoclonal antibodies to, *ex vivo* perfusion of, 1231
 natural history of, 1131
 postoperative surveillance of, 1043
 racial and socioeconomic factors affecting survival in, 2208
 testicular mass in, 411
 chromosome aberrations in adenomas, 1413
 lactic dehydrogenase isoenzyme patterns in mucosa, 80
 polyposis
 and carcinoma in ileostomy stoma, 2180
 juvenile, and cancer development, 1500
 prevalence in Oslo, 829
 Complement components 4 and 5, serum levels in breast cancer, 502
 Computed tomography
 abdominal, in small-cell lung cancer, 1485
 in mediastinal Hodgkin's disease, 2267
 Condyloma acuminatum, DNA content of, 468, 489
 Contraceptives, oral, and hepatocellular carcinoma development, 407
 Coronary heart disease mortality, after radiation for Hodgkin's disease, 2470
 Cortisol
 cellular sensitivity to, in lymphoproliferative disorders, 623
 serum levels in childhood ALL, 145
 Corynebacterium parvum immunotherapy
 with actinomycin D and DTIC in melanoma, 2256
 and antibody-dependent cell-mediated cytotoxicity in cancer, 251
 postoperative, in melanoma, 1079
 radiotherapy with, in head and neck cancer, 239
 Counseling, of late stage cancer patients, 1048
 Cranial nerve palsies, in meningeal myelomatosis, 1710
 Cryptorchidism, and testicular cancer, 1023
 Cyasin, mutagenicity of, 1970
 Cyclophosphamide
 in combination chemotherapy
 in alternating chemotherapy of small-cell lung cancer, 2449
 in adult ALL, 846
 with bleomycin infusion in lymphomas, 1346
 in breast cancer, 835, 1754, 1988
 in high-frequency low-dose regimen, 2231
 radiation and surgery with, 1266
 in cervical cancer, 2437
 in endometrial cancer, 2441
 in histiocytic lymphoma, 840, 1746
 in ovarian carcinoma, 1778
 postoperative, in Ewing's sarcoma, 1561
 preoperative, in osteogenic sarcoma, 1221
 in prolymphocytic leukemia, 1524
 in small-cell lung cancer, 1544
 radiotherapy with, 2003, 2252
 in spinal cord compression in lymphomas, 2446
 with DTIC and piperazinedione, in melanoma, 1355
 ocular side effects of, 1999
 Cyproterone acetate, in breast cancer in males, 9
 Cyst(s)
 fibrocystic disease of breast, steroid receptors in, 2534
 inclusion, of ovary, tumor markers in, 722
 of lung, pulmonary blastoma with, 669
 Cystadenofibroma, endometrioid, with Meigs' syndrome, 472
 Cystectomy, and preoperative radiation in bladder cancer, 869
 Cystic disease protein levels in breast cancer, and response to therapy, 1236
 Cytogenetics. *See* Chromosome abnormalities
 Cytometry, flow, in bladder tumors, 109
 Cytosine arabinoside
 in combination chemotherapy
 in acute myelogenous leukemia, 1530
 in adult ALL, 846

pancreatitis from, 1384
 Cytoxan. *See* Cyclophosphamide

D

- Dacarbazine, in combination chemotherapy, in colorectal cancer, 1555
 Dactinomycin. *See* Actinomycin D
 Daunomycin, in combination chemotherapy, in AML, 1530
 op-DDD, ocular side effects of, 1999
 Depression, and prechemotherapy vomiting, 201
 Dexamethasone, cellular sensitivity to, in lymphoproliferative disorders, 623
 Diabetes insipidus, lung cancer with, 596
 Diabetes mellitus, nodular regenerative hyperplasia of liver in, 543
 Diet. *See* Nutrition
 Dihydroteleocidin B, as tumor promoter, 1970
N,N-Dimethylnitrosamine, mutagenicity of, 1970
 Diphenylhydantoin, and pseudolymphoma syndrome, 2305
 DNA nuclear content
 in cervical glandular neoplasms, 2571
 in condyloma acuminatum, 468, 489
 in vulvar intraepithelial neoplasms, 468
 Dopamine binding activity, in murine melanoma, 1178
 Doxorubicin
 in combination chemotherapy
 in adult ALL, 846
 with bleomycin infusions in lymphomas, 1346
 in brain metastases from germ cell tumors, 12
 in breast cancer, 835, 1988
 BCG with, 1537
 intravenous infusions in, 1762
 surgery and radiation with, 1266
 in cervical cancer, 2437
 in diffuse histiocytic lymphoma, 1746
 in endometrial cancer, 2441
 in gastric carcinoma, 1362
 in head and neck cancer, 1358
 in ovarian carcinoma, 1778
 postoperative, in Ewing's sarcoma, 1561
 in polymphocytic leukemia, 1524
 in small-cell lung cancer, 1544
 in alternating chemotherapy, 2449
 radiotherapy with, 2003, 2252
 and liver regeneration after hepatectomy, 19
 ocular side effects of, 1999
 preoperative, in osteogenic sarcoma, 1221
 tourniquet infusion or hyperthermic perfusion of, 850
 DTIC
 actinomycin D with, in melanoma, 2246
 with cyclophosphamide and piperazinedione, in melanoma, 1355
 hyperthermia with, in melanoma metastasis to liver, 1243
 with melanoma tumor-associated antigens, 1387
 Duodenum, gastrin-secreting tumor of, biliary cirrhosis with, 2596
 Dural plasmacytoma, with cytoplasmic inclusions, 2500
 Dying patients, counseling for, 1048
 Dysgammaglobulinemia, and Kaposi's sarcoma, 1649
 Dysgerminoma of ovary
 in childhood, 2608
 elevated LDH in, 994

E

- Edema
 of breast, after radiotherapy for cancer, 2295
 laryngeal, after radiotherapy in vocal cord carcinoma, 655
 Embryonal carcinoma, xenografts of, 683
 Encephalopathy, misonidazole-induced, 423
 Endometrial carcinoma
 clear-cell, 1511
 compared to atypical hyperplasia, 2547
 hypercalcemia in, 2389
 in Japanese prefecture, 1504
 radiotherapy in, 2466
 treatment regimens in, 2441
 Endometrioid cystadenofibroma, with Meigs' syndrome, 472
 β -Endorphin, in cells of ovarian carcinoids, 68
 Energy exchange in cancer, nutrition affecting, 1212
 Enkephalin, in cells of ovarian carcinoids, 68
 Enzyme pathology, in lung tumors, 460
 Ependymoma, intracranial, 2276
 Epidermoid carcinoma
 of lung, radiotherapy in, 1338
 of oral cavity, cellular retinol binding proteins in, 1409
 Epididymal duct cells, compared to adenomatoid tumors, 2349
 Epidural compression in lymphomas, treatment of, 2446
 Epithelioma, basal cell, in children, 350
 Errata, 658, 664, 1042
 Erythroleukemia, 101
 after intensive therapy in lung cancer, 221
 Esophageal cancer
 in black male veterans, 610
 causes of deaths in, 2173
 combination chemotherapy in, 1174
 preoperative scanning in, 1031
 Estradiol, cellular sensitivity to, in lymphoproliferative disorders, 623
 Estrogen receptors
 in breast cancer
 assays with dextran-coated charcoal or immunoperoxidase, 2153
 biochemical and histochemical assays for, 2148
 microsamples for assays of, 2383
 in fibrocystic disease of breast, 2534
 in meningiomas, 633
 Ewing's sarcoma
 central nervous system in, 2404
 localized, treatment of, 1561
 Experimental models, related to human cancer, 1206
 Extravasation of antitumor agents, treatment of, 1796
 Extremity lesions, in rhabdomyosarcoma, 1
 Eye
 malignant intraocular tumors, 578
 problems from chemotherapy, 1999

F

- Fasciitis, nodular (pseudosarcomatous), 1668
 Fecal mutagens, nitrite-induced, 1405
 Fecal steroid levels, and breast cancer risk, 1201
 Fertility, chemotherapy affecting, in Hodgkin's disease, 418
 α -Fetoprotein
 and hepatoma classification, 354
 production by polyembryoma of ovary, 1878
 synthesis in testicular cancer, 303

- Fibroblast proliferation, in oat-cell carcinoma, 2358
 Fibrocystic disease of breast, steroid receptors in, 2534
 Fibrohistiocytoma. *See* Histiocytoma, malignant fibrous
 Fibrosarcoma
 in nasopharyngeal angiofibroma, 369
 prognosis after surgery in, 1721
 Fistula, intestinoesophageal, in CLL, 2165
 Flavonoids, carcinogenic, 1970
 Fluorescence bronchoscopy, in lung cancer, 777
 5-Fluorouracil
 in combination chemotherapy
 in breast cancer, 835, 1754, 1988
 BCG with, 1537
 in high-frequency low-dose regimen, 2231
 mitomycin-C with, 217
 surgery and radiation with, 1266
 in cervical cancer, 2437
 in colorectal cancer, 1555
 in endometrial cancer, 2441
 in gastric carcinoma, 1362, 1771
 in head and neck cancer, 1358
 intraarterial
 in bladder cancer, 640
 hepatic artery infusions with systemic hyperthermia, 1112
 ocular side effects of, 1999
 postoperative, in gastric cancer, 1116
 Follicle-stimulating hormone levels
 after chemotherapy in Hodgkin's disease, 418
 in childhood ALL, 145
 Food, mutagens and carcinogens in, 1970

G

- G-cell adenoma, and biliary cirrhosis, 2596
 Gallbladder
 botryoid rhabdomyosarcoma of, in child, 812
 cholecystectomy as factor in colon cancer development, 1713
 Gastrin
 in cells of ovarian carcinoids, 68
 production by gastric argyrophil carcinoma, 1904
 secretion by duodenal tumor, and biliary cirrhosis, 2596
 Gastrointestinal tract
 adenocarcinoma of ileum and appendix, 797
 adenomatous and carcinomatous changes in Peutz-Jeghers syndrome, 971
 colorectal tumors. *See* Colorectal conditions
 intestinoesophageal fistula in CLL, 2165
 lactose malabsorption after chemotherapy, 646
 lymphomas of
 with immunodeficiency, 445
 primary, 1258
 metastases from lung tumors, 170
 stomach cancer. *See* Stomach tumors
 tumor metabolism affected by parenteral nutrition, 1476
 General Motors Cancer Research Foundation Awards, 1953
 Germ cell tumors
 brain metastases in, 12
 of ovary
 in childhood, 2608
 lactic dehydrogenase activity in, 994
 xenografts of, 683
 Glioblastoma multiforme, radiotherapy in, 2463

- Gliomas
 of brain stem, 1294
 of cerebral aqueduct, 154
 Glucagon
 in cells of ovarian carcinoids, 68
 produced by gastric argyrophil carcinoma, 1904
 Glucocorticoid receptors
 in chronic lymphocytic leukemia, 2493
 in lymphoproliferative disorders, 623, 2493
 Glucose
 tolerance tests in childhood ALL, 145
 tumor-induced hypoglycemia, 1920
 Glucose-6-phosphate dehydrogenase activity, in prostatic cancer, 384
 γ -Glutamyl transpeptidase levels, in melanoma, 1439
 Glycoproteins, in inclusion cysts of ovary, 722
 Gold, radioactive, with methotrexate, for meningitis prophylaxis in childhood leukemia, 224
 Gonadotropin, chorionic
 beta subunit in inclusion cysts of ovary, 722
 effects of anti-hCG immunization in malignancies, 2300
 production by gastric argyrophil carcinoma, 1904
 production by polyembryoma of ovary, 1878
 radioimmunoassay for beta subunit of, 136
 synthesis in testicular cancer, 303
 Granular cell myoblastoma, S-100 protein in, 1624, 1834
 Granulomas, in melanoma after BCG immunotherapy, 55
 Granulomatosis, lymphomatoid, 2070
 Granulomatous infections, in hairy-cell leukemia, 1924
 Growth hormone levels, in childhood ALL, 145
 Gynecologic tumors
 hypercalcemia in, 2389
 intraoperative irradiation in, 2259

H

- Hairy-cell leukemia. *See* Leukemia, hairy-cell
 Harmatoma
 neuromuscular, 140
 of small bowel, adenomas and carcinomas in, 971
 Hawaiian colorectal cancer patients, survival rates in, 2208
 Head and neck cancer. *See also* Oral cavity
 combination chemotherapy in, 1358
 Corynebacterium parvum and radiation therapy in, 239
 epidermoid, cellular retinol binding proteins in, 1409
 immunoglobulin allotypes in, 2021
 surgical complications in, after radiotherapy, 1297
 survival rates in childhood rhabdomyosarcoma, 2217
 Heart
 angiosarcoma of, nuclear scan in, 2587
 coronary disease mortality after radiation for Hodgkin's disease, 2470
 in lymphomas, 944
 pericarditis in aspergillosis, 48
 tamponade in breast cancer, 1929
 Heat therapy. *See* Hyperthermia
 Hemangioblastoma, cerebellar, 553
 Hemangioendothelioma, malignant. *See* Angiosarcoma
 Hepatic artery infusion of 5-fluorouracil, with systemic hyperthermia, 1112
 Hepatitis B surface antigen
 and cirrhosis development after alcohol intake, 672
 and hepatocellular carcinoma, 678

- Hepatoma. *See* Liver, hepatocellular carcinoma
- Hermaphroditism, true, and breast cancer, 1481
- Herpes antibodies, in oral cancer, 2315
- Hexamethylmelamine, in combination chemotherapy with radiotherapy, in small cell lung cancer, 2003
- Hexokinase, in lung tumor specimens, 460
- β -Hexosaminidase, in normal and malignant ovaries, 128
- Histiocytic lymphoma
diffuse
advanced, 1571
sclerosis in, 1636
treatment programs in, 1746
nodular, 840
- Histiocytoma
angiomatoid fibrous, 2103
malignant fibrous
of bone, 698
bone and cartilage in, 480
myxoid variant of, 1005
postradiation, in cervical cancer, 434
prognosis after surgery in, 1721
tourniquet infusions in, 850
- Histiocytosis
atypical, regressing, 959
sinus, lymphadenopathy with, 1994
- HLA antigens
in hairy-cell leukemia in siblings, 538
in head and neck cancer, 2021
in lung cancer, 2485
- Hodgkin's disease
autoimmune hemolytic anemia in, 1702
bone involvement in, 338
and coronary heart disease mortality after radiation, 2470
effects of thymus extract in, 245
histologic and clinical features of, 1848
immunotherapy with MER/BCG in, 226
mediastinal, CT scan in, 2267
in relatives, 2197
and testicular function after chemotherapy, 418
- Hybridoma antibodies. *See* Monoclonal antibodies
- Hydroxyurea, in combination chemotherapy
in colorectal cancer, 1555
in head and neck cancer, 1358
- Hypercalcemia. *See* Calcium levels
- Hyperparathyroidism thyroid cancer with, after radiation exposure, 874
- Hyperplasia
atypical endometrial, compared to endometrial carcinoma, 2547
giant, of lymph nodes, 748
nodular regenerative, in diabetes, 543
- Hyperthermia
alone or with radiotherapy, 205
chemotherapy with. *See* Thermochemotherapy
- Hyperthermic perfusion, compared to tourniquet infusion, 850
- Hypoglycemia, tumor-induced, 1920
- Hypoxia, tourniquet-induced, and radiotherapy in osteosarcomas, 1597
- Hysterectomy, radical, radiotherapy after, 1278
- Ileostomy stoma, carcinoma in, 2180
- Ileum, adenocarcinoma of, 797
- Immune complexes in serum, and tumor-associated antigens in urine, 1150
- Immunoabsorption therapy, in colon carcinoma, 1800
- Immunoblastic sarcoma, and Waldenström's macroglobulinemia, 2580
- Immunodeficiency, and immunoblastic lymphoma of small intestine, 445
- Immunoglobulins
allotypes in head and neck cancer, 2021
cytoplasmic, in rheumatic diseases, and lymphoma development, 2049
IgA levels in breast cancer, 502
IgM deficiency with clear cell sarcoma, 234
monoclonal. *See* Monoclonal antibodies
- Immunology
ABH antigens in urothelium, 2476
abnormalities in lymphomatoid granulomatosis, 2070
antibody-dependent cell-mediated cytotoxicity in cancer, 251
cell-marker analysis of extranodal lymphoid neoplasms, 2321
effects of thymus extract in Hodgkin's disease, 245
of gastric cancer, 1810
herpes antibodies in oral cancer, 2315
HLA antigens. *See* HLA antigens
reactivity of melanoma sera with cell lines, 2043
- Immunoregulation by leukemic blasts, 43
- Immunosuppression, in tumor-bearing mice, 1158
- Immunotherapy
BCG in. *See* BCG immunotherapy
butanol extracts of tumor cells in, 1168
chemotherapy with. *See* Chemioimmunotherapy
Corynebacterium parvum in. *See* *Corynebacterium parvum*
effects of anti-hCG in malignancies, 230
melanoma tumor-associated antigens in, 1387
with surgery and chemotherapy, in inflammatory breast cancer, 1266
- Inclusion-bearing tumor cells, in dural plasmacytoma, 2500
- Inclusion cysts of ovary, tumor markers in, 722
- Insulin
in cells of ovarian carcinoids, 68
production by tumors, 1920
- Interstitial cell tumor of testis, malignant, 547, 714
- Interval cancers of breast, 2527
- Intestines. *See* Gastrointestinal tract
- Intracranial tumors
astrocytoma with Wilms-like tumor, 2505
cerebellar hemangioblastomas, 553
of cerebral aqueduct, 154
complex cerebral tumor, 1420
dural plasmacytoma with cytoplasmic inclusions, 2500
ependymoma, 2276
gliomas of brain stem, 1294
and long-term effects of radiotherapy in children, 1580
- lymphomas
lymphoma cell line from, 456
primary, 939
secondary, 586
medulloblastoma in adults, 1334
metastases to brain
from breast cancer, after adjuvant chemotherapy, 651
from germ cell tumors, 12

- from lung cancer, 1916
- from melanoma, radiotherapy in, 2289
- from solid tumors, 759
- radiotherapy in glioblastoma multiforme, 2463
- Iodine, radioactive, and half-life of thyroid hormones in serum, 2281
- Isoniazid, with BCG plus tumor cell vaccines, 659

J

- Japan, endometrial carcinoma in, 1504

K

- Kaposi's sarcoma
 - and dysgammaglobulinemia, 1649
 - tourniquet infusions in, 850
- Kettering Award Lecture, 1963
- Kidney
 - function after hyperthermia and cisplatin, 25
 - mesoblastic nephroma of, recurrent, 153
 - nephrotic syndrome with adenocarcinoma of palate, 2097
 - nephrotoxicity of cisplatin, 1784
 - renal pelvic cancer after analgesic consumption, 2617

L

- Lactic dehydrogenase
 - isoenzyme patterns in colorectal mucosa, 80
 - serum levels in ovarian germinoma, 994
- Lactogen, placental, in inclusion cysts of ovary, 722
- Lactose malabsorption, after chemotherapy, 646
- Laetrile, ocular side effects of, 1999
- Laparotomy, staging, in diffuse histiocytic lymphomas, 1746
- Larynx
 - edema of, after radiotherapy in vocal cord carcinoma, 655
 - neuroendocrine carcinoma of, 343
- Laser surgery, carbon dioxide, and viable tumor cells in waste material, 61
- Leiomyosarcoma, prognosis after surgery in, 1721
- Leukemia
 - acute, from melphalan in ovarian carcinoma, 2234
 - acute lymphoblastic
 - glucocorticoid receptors in, 623
 - immunoregulation by blasts in, 43
 - subtypes of, 916
 - acute lymphocytic
 - endocrine complications in children, 145
 - treatment in adults, 846
 - acute myelogenous
 - myeloblastoma with, 637
 - treatment regimens in, 1530
 - acute nonlymphoid
 - 5-azacytidine in, 2222
 - glucocorticoid receptors in, 623
 - subtypes of, 916
 - acute promyelocytic, pregnancy in, 152
 - and anaphylactoid reactions to asparaginase, 1378
- Burkitt's, 1444
 - central nervous system prophylaxis in. *See* Radiotherapy, in prophylaxis of CNS
 - chronic lymphocytic
 - glucocorticoid receptors in, 623, 2493
 - intestino-vesical fistula in, 2165

- chronic myeloid
 - glucocorticoid receptors in, 623
 - lymphocyte abnormalities in, 708
 - megakaryoblastic transformation of, 921
- hairy-cell
 - bone lesions in, 1697
 - granulomatous infections in, 1924
 - in siblings, 538
 - spleen in, 1617
- lymphosarcoma cell, glucocorticoid receptors in, 623
- polymphocytic, 1524
- in relatives of mycosis fungoides patients, 737
- Leukocytes
 - adherence inhibition assay in malignancies, 1185
 - antibody-dependent cell-mediated cytotoxicity of, in cancer, 251
- Leukoplakia, oral, herpes antibodies in, 2315
- Levamisole, and metastases after radiation of solid tumor, 427
- Leydig cell tumor, malignant, 547, 714
- Liberia, cancer in, 1945
- Lip cancer, epidemiology in Los Angeles, 2201
- Liposarcoma
 - pleomorphic, postirradiation, 878
 - prognosis after surgery in, 1721
 - recurrent, histologic changes in, 1005
 - tourniquet infusions in, 850
- Liver
 - function tests after total parenteral nutrition, 1249
 - hepatocellular carcinoma
 - alcohol intake related to, 672
 - α_1 -antitrypsin deficiency in, 2537
 - and cirrhosis, 450
 - α -fetoprotein levels in, 354
 - hepatitis B antigen in, 678
 - intraduct tumor growth in, 2144
 - long-term survival in, 1491
 - and oral contraceptive use, 407
 - in metastatic cell disease, systemic, 927
 - melanoma metastasis to, thermochemotherapy in, 1243
 - nodular regenerative hyperplasia of, in diabetes, 543
 - regeneration affected by adriamycin, 19
 - scanning of
 - in gynecologic cancers, 1040
 - and "hot spleens" in metastatic melanoma, 439
 - systemic hyperthermia affecting, 1112
 - thorotrast-induced malignancies of, 2161
 - veno-occlusive disease after mitomycin-C, 1789
- Los Angeles study of respiratory tract cancers, 2201
- Lumbar puncture, radicular vessels as source of needle-induced blood in, 2168
- Lung
 - blastoma of, 1829
 - with cystic lung disease, 669
 - carcinoma of
 - brain metastases in, 1916
 - chromate-induced, 783
 - diabetes insipidus with, 596
 - enzyme pathology of, 460
 - epidermoid, radiotherapy in, 1338
 - fluorescence bronchoscopy in, 777
 - histogenesis of, 881
 - histologic typing in Louisiana, 1874
 - HLA antigens in, 2485
 - leptomeningeal metastases from, 759

- in Liberia, 1945
 - metastases to gastrointestinal tract, 170
 - retreatment of local recurrence in, 865
 - small-cell
 - abdominal computed tomography in, 1485
 - alternating chemotherapy in, 2449
 - chemotherapy and radiotherapy in extensive disease, 2003
 - combination chemotherapy in, 1544
 - combined modality treatments in, 2252
 - erythroleukemia from intensive therapy in, 221
 - fibrosis in, 2358
 - lymphomatoid granulomatosis of, 2070
 - metastasis to
 - from cervical carcinoma, 1705
 - pneumothorax in, 1734
 - plasmacytoma of, 1465
 - Luteinizing hormone levels
 - affecting radioimmunoassay for beta subunit of hCG, 136
 - after chemotherapy in Hodgkin's disease, 418
 - in childhood ALL, 145
 - Lymph nodes
 - delayed dissection in melanoma, 2420
 - giant hyperplasia of, 748
 - nevus cell aggregates in, 269
 - in systemic mast cell disease, 927
 - Lymphadenopathy
 - in rheumatic diseases, and lymphoma development, 2049
 - sinus histiocytosis with, 1994
 - Lymphedema of breast, after radiotherapy for cancer, 2295
 - Lymphocytes
 - abnormalities in CML, 708
 - effector/suppressor T-cell ratio in cancer, 2029
 - in pseudo mycosis fungoides syndrome, 2305
 - small, extranodal proliferation of, 84
 - subpopulations in breast cancer tissue, 1456
 - Lymphoid neoplasms, extranodal, diagnosis of, 2321
 - Lymphomas
 - abnormal cell populations in, 1605
 - and anaphylactoid reactions to asparaginase, 1378
 - B-cell, monoclonal patterns in, 2049
 - bleomycin infusions in, intravenous, 1346
 - bone marrow and blood in, 888
 - brain cell line of, 456
 - Burkitt's
 - American registry of, 1016
 - compared to non-Burkitt's type, 1817
 - in Liberia, 1945
 - of central nervous system, 586, 939
 - cerebriform T-cell, 1839
 - in childhood, and autologous marrow rescue after chemotherapy, 603
 - classifications of, 2112
 - differentiated from benign pseudolymphoma, 2321
 - diffuse histiocytic
 - advanced, 1571
 - sclerosis in, 1636
 - treatment programs in, 1746
 - epidural compression in, treatment of, 2446
 - heart in, 944
 - histologic type as prognostic factor, 314
 - Hodgkin's. *See* Hodgkin's disease
 - immunoblastic, of small bowel, in immunodeficiency, 445
 - gastrointestinal, primary, 1258
 - lymphoblastic, and tubular complexes of endoplasmic reticulum, 1629
 - mantle-zone, 1429
 - monoclonal platelet antibodies in, 40
 - nodular histiocytic, chemotherapy in, 840
 - of rectum, 2602
 - in relatives, 2197
 - in relatives of mycosis fungoides patients, 737
 - of stomach, 493, 1258
 - surgery in, 1135
 - undifferentiated, subtypes of, 1817
 - Lymphomatoid granulomatosis, 2070
 - Lymphoplasmacytic proliferations, monoclonal, immunofluorescence of, 2376
 - Lyngbyatoxin A, as tumor promoter, 1970
 - Lysozyme, produced by gastric argyrophil carcinoma, 1904
- M**
- Macroglobulinemia
 - vacuolated plasma cells in, and abnormal mu-chain production, 2489
 - Waldenström, and immunoblastic sarcoma, 2580
 - Malondialdehyde synthesis by platelets, vincristine affecting, 665
 - Mammography, and detection of interval cancers, 2527
 - Marrow conditions. *See* Bone marrow
 - Mast cell disease, systemic, 927
 - Mastectomy
 - chest wall reconstruction after, 1286
 - in males with breast cancer, 403
 - and postoperative chemotherapy, 1754
 - brain metastasis incidence in, 651
 - CEA as marker in, 1859
 - and marrow neutrophil reserve, 2455
 - and postoperative radiation, 1194, 1316
 - in males, 403
 - Mediastinum
 - giant lymph node hyperplasia of, 748
 - Hodgkin's disease of, CT scan in, 2267
 - seminoma of, anterior, 1658
 - teratoma of, in childhood, 398
 - tumors of, pulmonic stenosis from, 1496
 - Medulloblastoma, in adults, 1334
 - Megakaryoblasts of CML, 921
 - Megestrol
 - in breast cancer, after tamoxifen, 413
 - in combination chemotherapy, in endometrial cancer, 2441
 - Meig's syndrome, endometrioid cystadenofibroma with, 472
 - Melanin production, in medullary thyroid carcinoma, 2518
 - Melanoma
 - actinomycin D with DTIC in, 2246
 - AMSA in, affecting spermatogenesis, 2459
 - comparison of therapies in, 1355
 - delayed lymph node dissection in, 2420
 - γ -glutamyl transpeptidase levels in, 1439
 - identification affected by depth of invasion, 198
 - immunotherapy in
 - with BCG, granulomas from, 55
 - with *Corynebacterium parvum* as adjuvant therapy, 1079
 - with tumor-associated antigens, 1387

- intraocular, 578
metastasis of
 "hot spleens" in, 439
 leptomeningeal, 759
 to liver, thermochemotherapy in, 1243
 prognosis in, 1941
 from unknown primary, 1106
murine, dopamine binding activity in, 1178
prognostic factors in, 1941, 2192, 2414
reactivity of antibodies in, 2043
skin tests in, prognostic value of, 2336
tamoxifen in, 1353
tourniquet infusions in, 850
of trunk, 1070
of vulva, neurotropic, 999
Melanotic pigment, in olfactory neuroblastoma, 2136
Melphalan
 in breast cancer, 1754
 compared to peptichemio, 1767
 postoperative, and marrow neutrophil reserve, 2455
 in combination chemotherapy
 BCG with, in inflammatory breast cancer, 1537
 in endometrial cancer, 2441
 in ovarian carcinoma, late side effects from, 2234
 tourniquet infusion or hyperthermic perfusion of, 850
Meningeal carcinomatosis, delayed onset of, 173
Meningeal myelomatosis, cranial nerve palsies in, 1710
Meningiomas, steroid receptors in, 633
6-Mercaptopurine, in combination chemotherapy, in head and neck cancer, 1358
Mesoblastic nephroma, recurrence of, 573
Mesothelioma, malignant
 of pleura, 2431
 of tunica vaginalis testis, 119
Metabolism in cancer
 carbohydrate, in childhood ALL, 145
 nutrition affecting, 1212, 1476
Metaplasia
 intestinal, intestinal mucins in, 1664
 myeloid, agnogenic, response to androgen therapy in, 308
Metastasis
 of breast cancer, tumor markers in, 1236
 to eye, 578
 to gastrointestinal tract, from lung tumors, 170
 incidence after radiation affected by warfarin or levamisole, 427
 intracranial
 from germ cell tumors, 12
 from lung cancer, 1916
 from melanoma, radiotherapy in, 2289
 leptomeningeal
 delayed onset of, 173
 from solid tumors, 759
 of melanoma
 "hot spleens" in, 439
 to liver, thermochemotherapy in, 1243
 from unknown primary site, 1106
 pulmonary
 from cervical carcinoma, 1705
 from plasmacytoma, 1465
 pneumothorax in, 1734
 to testicle, from colon cancer, 411
Methotrexate
 in combination chemotherapy
 in acute myelogenous leukemia, 1530
 in breast cancer, 835
 BCG with, 1537
 in high-frequency low-dose regimen, 2231
 in head and neck cancer, 1358
 in small-cell lung cancer
 in alternating chemotherapy, 2449
 radiotherapy with, 2003
 intrathecal, with radiation. *See* Radiotherapy, in prophylaxis of CNS
 ocular side effects of, 1999
 preoperative, in osteogenic sarcoma, 1221
 radiogold with, for meningitis prophylaxis in childhood leukemia, 224
Misonidazole, encephalopathy from, 423
Mithramycin, ocular side effects of, 1999
Mitomycin-C
 bleomycin with, in cervical cancer recurrence, 2242
 in combination chemotherapy, in gastric carcinoma, 1362
 5-fluorouracil with, in breast cancer, 217
 ocular side effects of, 1999
 and veno-occlusive disease of liver, 1789
Monoclonal antibodies, 1953
 ant colorectal cancer, *ex vivo* perfusion of, 1231
 to platelets, in lymphomas, 40
Monoclonal patterns
 in lymphoplasmacytic proliferations, immunofluorescence of, 2376
 in rheumatic diseases, and lymphoma development, 2049
Mortality
 in coronary heart disease, after radiation for Hodgkin's disease, 2470
 in esophageal cancer, causes of, 2173
Mouth. *See* Oral cavity
Mucins
 intestinal, in gastric carcinoma, 1664
 produced by gastric argyrophil carcinoma, 1904
Muir-Torre syndrome, 1898
Multiple neoplasms
 in brain, 2505
 pancreatic, 2410
 pheochromocytoma and carotid body tumors, 2578
Musculocutaneous flaps, in chest wall reconstruction, 1286
Mutagens
 fecal, nitrite-induced, 1405
 in food, 1970
Mycobacterial infections, in hairy-cell leukemia, 1924
Mycosis fungoides
 compared to cerebriform T-cell lymphoma, 1839
 d'émblée variant of, 742
 and lymphomas or leukemias in relatives, 737
 pseudo mycosis fungoides syndrome, 2305
Myeloblastoma, and acute myelogenous leukemia, 637
Myeloid metaplasia, agnogenic, response to androgen therapy in, 308
Myelolipoma, of adrenal gland, 952
Myeloma, multiple
 and induction of human plasma cell line, 2091
 intracellular immunoglobulins in, 2376
 meningeal, cranial nerve palsies in, 1710
 whole bone marrow irradiation in, 1328

Myelosclerosis, acute, and acquired sideroblastic anemia, 2497
Myoblastoma, granular cell, S-100 protein in, 1624, 1834
Myoepithelial cell adenoma, of parotid gland, 288
Myoepithelioma, of salivary glands, 562
Myosarcoma, of stomach, 177
Myxofibrosarcoma, prognosis after surgery in, 1721

N

Nasopharyngeal malignancies
 epidemiology in Los Angeles, 2201
 nucleoside excretion in, 2513
 prognostic factors in, 163
 sarcomatous transformation of angiofibroma, 369
Neck. *See* Head and neck cancer
Nephroma, mesoblastic, recurrence of, 573
Nephrotic syndrome, with palatal adenocarcinoma, 2097
Nerve sheath tumors, 273
Neuroblastoma
 and autologous marrow rescue after chemotherapy, 603
 olfactory, pigmented, 2136
Neuroendocrine carcinoma of larynx, 343
Neurofibromas, 273
Neuromuscular hamartoma, 140
Neuropathy from vincristine, enhanced by VP-16, 859
Neurotensin, in cells of ovarian carcinoids, 68
Neutrotropic melanoma of vulva, 999
Neutrophil reserve in marrow, after chemotherapy in breast cancer, 2455
Nevus cell aggregate, in axillary lymph node, 269
Nitrites, inducing fecal mutagens, 1405
Nitrogen mustard, ocular side effects of, 1999
Nitrosoureas, ocular side effects of, 1999
Nucleoside excretion, in nasopharyngeal carcinoma, 2513
Nutrition
 and fecal steroids in breast cancer, 1201
 metabolic effects in cancer, 1092
 and mutagens or carcinogens in human food, 1970
 total parenteral
 and gastrointestinal tumor metabolism, 1476
 and liver function tests in cancer patients, 1249
 and tumor growth in rats, 1212

O

Oat-cell carcinoma. *See* Small-cell carcinoma
Ocular side effects of chemotherapy, 1999
Olfactory neuroblastoma, pigmented, 2136
Oncocytoma, intrathoracic, malignant, 97
Oncologist, definition of, 1067
Oncovin. *See* Vincristine
Oral cavity
 epidemiology of cancer in Los Angeles, 2201
 epidermoid carcinoma of, cellular retinol binding proteins in, 1409
 grading and staging of cancer in, 773
 herpes antibodies in cancer of, 2315
 inverted ductal papilloma of, 519
 retinoic acid-binding protein in squamous cell carcinomas, 619
 tonsillar region carcinoma, 2009
 velocity of tumor growth in, 773
Osteochondroma, chondrosarcoma in, 1890

Osteosarcoma
 canine, amputation and MER in, and effects of splenectomy, 1613
 and pneumothorax in pulmonary metastases, 1734
 preoperative chemotherapy in, 1221
 and radiotherapy with tourniquet-induced hypoxia, 1597
 telangiectatic, 1679
Ovarian tumors
 angiosarcoma, 1469
 atypical endometrioid cystadenofibroma with Meigs' syndrome, 472
 carcinoids, neurohormones in, 68
 chemotherapy in, 1778
 dysgerminoma
 in childhood, 2608
 elevated LDH in, 994
 and β -hexosaminidase in normal and malignant tissues, 128
 hypercalcemia in, 2389
 late side effects of chemotherapy in, 2234
 in L₁ era, 1945
 polyembryoma producing α -fetoprotein and chorionic gonadotropin, 1878
 scans of liver and bone in, 1040
 small cell carcinoma with hypercalcemia, 188
 teratoma with metastatic carcinoid, 2541

P

Palate, adenocarcinoma of, with nephrotic syndrome, 2097
Pancreatic cancer
 and anatomic factors in carcinogenesis, 361
 concomitant neoplasia with, 2410
 ductuloinular, 908
 intraoperative radiation in, 1272, 2259
 leukocyte adherence inhibition assay in, 1185
 tissue diagnosis of, 1035
Pancreatic polypeptide, in cells of ovarian carcinoids, 68
Pancreatitis, from cytosine arabinoside, 1384
Papilloma, inverted ductal, of oral cavity, 519
Papillomatosis of breast, juvenile, 2591
Papillomavirus
 and condyloma acuminatum, 489
 and vulvar intraepithelial neoplasms, 468
Parathyroid gland
 carcinoma of, 388
 histology in pseudohyperparathyroidism, 1449
 hyperparathyroidism with thyroid cancer, after radiation exposure, 874
Parotid gland, myoepithelial cell adenoma of, 288
Penis, carcinoma of, 2185
Peptichemo, compared to melphalan in breast cancer, 1767
Pericardial effusion, malignant, and cardiac tamponade in breast cancer, 1929
Pericarditis, in aspergillosis, 48
Peripheral nerves
 cervical neuropathy in myeloblastoma with AML, 637
 tumors of sheath, 273
 vincristine neurotoxicity enhanced by VP-16, 859
Peritoneovenous shunt, in malignant ascites, 600
Peutz-Jeghers syndrome, adenomatous and carcinomatous changes in, 971
Phenylalanine mustard. *See* Melphalan

- Pheochromocytoma, carotid body tumor with, familial, 2578
Phorbol esters, as tumor promoters, 1970
Phosphoserine phosphatase, in lung tumor specimens, 460
Pigmented olfactory neuroblastoma, 2136
Pimozide, in melanoma, 1178
Piperazinedione, with DTIC and cyclophosphamide, in melanoma, 1355
Placental lactogen, in inclusion cysts of ovary, 722
Plasma cells
 human cell line induction, 2091
 vacuolated, in macroglobulinemia, 2489
Plasmacytoma
 dural, with cytoplasmic inclusions, 2500
 endobronchial, metastatic, 1465
 gastric, 2025
Platelets
 malondialdehyde synthesis after vincristine, 665
 monoclonal antibodies to, in lymphomas, 40
 transfusions before lumbar puncture, 2168
 vinblastine-loaded, in sinus histiocytosis therapy, 1994
Platinum therapy. *See* Cisplatin
Pleura, mesothelioma of, malignant, 2431
Pneumothorax, in pulmonary metastases, 1734
Polyembryoma of ovary, producing α -fetoprotein and chorionic gonadotropin, 1878
Polyposis of colon
 and carcinoma in ileostomy stoma, 2180
 juvenile, and cancer of colon, 1500
 prevalence in Oslo, 829
Polyps of small intestine, in Peutz-Jeghers syndrome, adenomatous and carcinomatous changes in, 971
Prednisolone
 cellular sensitivity to, in lymphoproliferative disorders, 623
 stimulation test after chemotherapy in breast cancer, 2455
Prednisone, in combination chemotherapy
 in adult ALL, 846
 in breast cancer, 835, 1754, 1988
 in lymphomas
 bleomycin infusions with, 1346
 diffuse histiocytic, 1746
 nodular histiocytic, 840
 in spinal cord compression, 2446
 in polymorphous leukemia, 1524
Pregnancy, in acute promyelocytic leukemia, 152
Presidential address
 by Kramer, 1276
 by Moore, 1067
Procarbazine
 in combination chemotherapy, in nodular histiocytic lymphoma, 840
 ocular side effects of, 1999
Progesterone
 cellular sensitivity to, in lymphoproliferative disorders, 623
 receptors for
 in fibrocystic disease of breast, 2534
 in meningiomas, 633
Promoting agents in carcinogenesis, 1206
 foods containing, 1970
Prophylaxis of CNS. *See* Radiotherapy, in prophylaxis of CNS
Prostaglandins
 PGE₂ levels, and hypercalcemia of malignancy, 556
 platelet production of, vincristine affecting, 665
Prostate
 adenosis of, 826
 carcinoma of
 androgen binding in, 984
 glucose-6-phosphate dehydrogenase activity in, 384
 histologic grading of, 525
 metastatic, tamoxifen in, 1367
 testosterone with chemotherapy in, 1373
Psammoma bodies, in gastric carcinoma, 788
Pseudohyperparathyroidism, 1449
Pseudolymphoma
 differentiated from malignant lymphoma, 2321
 diphenylhydantoin-induced, 2305
Pseudo mycosis fungoides syndrome, 2305
Psychologic factors
 and counseling of dying patients, 1048
 in prechemotherapy vomiting, 201
Pulmonic stenosis, from mediastinal tumors, 1496
Pyrolysis of protein foods, and mutagen production, 1970
- Q
- Quercetin, carcinogenic, 1970
- R
- Radiation exposure, and coexistent thyroid cancer and hyperparathyroidism, 874
Radicular vessels, in lumbar puncture, as source of needle-induced blood, 2168
Radiogold, methotrexate with, for meningitis prophylaxis in childhood leukemia, 224
Radioimmunoassay, for chorionic gonadotropin beta subunit, 136
Radioiodine, and half-life of thyroid hormones in serum, 2281
Radionuclide scanning. *See* Scanning
Radiotherapy
 of bone marrow, total, in multiple myeloma, 1328
 in brain stem tumors, 1294
 in brain tumors of childhood, long-term effects of, 1580
 in breast cancer, 30, 1587
 lymphedema of breast from, 2295
 pleomorphic liposarcoma from, 878
 postoperative, 1194, 1316
 in cervix uteri cancer, 35
 with extension into endometrium, 2015
 postradiation sarcoma in, 434
 chemotherapy with. *See* Chemotherapy, radiotherapy with
 chest wall reconstruction after, 1286
 Corynebacterium parvum with, in head and neck cancer, 239
 discriminant analysis of procedures in, 229
 in endometrial carcinoma, 2466
 in ependymomas, intracranial, 2276
 in glioblastoma multiforme, 2463
 in Hodgkin's disease, and coronary heart disease mortality, 2470
 interstitial, hyperthermia with, 205
 in intracranial metastasis from melanoma, 2289
 in intraocular tumors, 578
 intraoperative, 2259
 in pancreatic carcinoma, 1272
 levamisole with, and metastasis incidence, 427

- in lung cancer
 - epidermoid, 1338
 - for retreatment of local recurrence, 865
 - in lymphomas
 - of central nervous system, 586
 - diffuse histiocytic, 1746
 - in medulloblastoma of adults, 1334
 - in nasopharyngeal carcinoma, 163
 - in osteosarcomas, with tourniquet-induced hypoxia, 1597
 - postoperative
 - after radical hysterectomy, 1278
 - in breast cancer, 1194, 1316
 - in males, 403
 - in penile carcinoma, 2185
 - preoperative
 - in bladder cancer, 869
 - and surgical complications in head and neck cancer, 1297
 - in vulvovaginal cancer, 1085
 - in prophylaxis of CNS
 - in adult ALL, 846
 - and endocrine function in childhood ALL, 145
 - in Ewing's sarcoma, 2404
 - in lymphomas, 586
 - in small-cell lung cancer, 2003, 2252
 - sensitizing agents in
 - levamisole, 427
 - misonidazole, CNS toxicity of, 423
 - in tonsillar carcinoma, 2009
 - in vaginal cancer, 1308
 - in vocal cord carcinoma, laryngeal edema from, 655
 - in Wilms' tumor of childhood, and pregnancy outcomes in survivors, 2285
 - Radium, intracatheter, in carcinomatous biliary obstruction, 1321
 - Receptors
 - androgen, in prostatic cancer, 984
 - estrogen
 - in breast cancer, assays for, 2148, 2153, 2383
 - in fibrocystic disease of breast, 2534
 - in meningiomas, 633
 - glucocorticoid
 - in chronic lymphocytic leukemia, 2493
 - in lymphoproliferative disorders, 623, 2493,
 - progesterone
 - in fibrocystic disease of breast, 2534
 - in meningiomas, 633
 - Rectum, lymphoma in, 2602. *See also* Colorectal conditions
 - Reticulohistiocytosis, self-healing, 331
 - Retinoblastoma, 578
 - in childhood, and autologous marrow rescue after chemotherapy, 603
 - Retinoic acid-binding protein, in squamous cell carcinomas, 619
 - Retinol, cellular binding proteins in epidermoid carcinoma of oral cavity, 1409
 - Retroperitoneal seminoma, primary, 1934
 - Rhabdomyoma, extracardiac, 898
 - Rhabdomyosarcoma
 - and autologous marrow rescue after chemotherapy in childhood, 603
 - botryoid, of gallbladder, in child, 812
 - extremity lesions seen in intergroup study of, 1
 - of head and neck in childhood, survival rates in, 2217
 - of trunk, in childhood, 2612
 - Rheumatic diseases, and lymphoma development, 2049
 - Rutin, mutagenicity of, 1970
- S**
- S-100 protein, in granular cell myoblastoma, 1624, 1834
 - Salivary glands, myoepithelioma of, 562
 - Sarcoma
 - angiosarcoma. *See* Angiosarcoma
 - chondrosarcoma in osteochondroma, 1890
 - clear cell, with immunodeficiency, 234
 - Ewing
 - central nervous system in, 2404
 - localized, treatment of, 1561
 - fibrosarcoma
 - in nasopharyngeal angiofibroma, 369
 - prognosis after surgery in, 1721
 - immature, and Waldenström's macroglobulinemia, 2580
 - infantile, histogenesis of, 2365
 - intraoperative irradiation in, 2259
 - Kaposi
 - and dysgammaglobulinemia, 1649
 - tourniquet infusions in, 850
 - murine, and metastasis after radiation and levamisole or warfarin, 427
 - osteogenic. *See* Osteosarcoma
 - postradiation, in cervical cancer, 434
 - rhabdomyosarcoma. *See* Rhabdomyosarcoma
 - soft-tissue
 - prognosis after surgery in, 1721
 - recurrent, 1003
 - of trunk, in childhood, 2612
 - Sarcomatous transformation, of nasopharyngeal angiofibroma, 369
 - Scanning
 - of bone and liver, in gynecologic cancer, 1040
 - cardiac, in angiosarcoma of heart, 2587
 - in esophageal carcinoma, preoperative, 1031
 - of liver, and "hot spleens" in metastatic melanoma, 439
 - Schwannomas, 273
 - malignant, prognosis after surgery in, 1721
 - tourniquet infusions in, 850
 - Scirrhous argyrophil cell carcinoma of stomach, with multiple secretions, 1904
 - Sclerosis, in diffuse histiocytic lymphoma, 1636
 - Sebaceous neoplasms, in Muir-Torre syndrome, 1898
 - Semen analysis, after chemotherapy in Hodgkin's disease, 418
 - Seminoma
 - mediastinal, anterior, 1658
 - retroperitoneal, primary, 1934
 - Seminoma-like tumor, xenografts of, 683
 - Semustine. *See* CCNU
 - Sézary syndrome, chromosome translocation in, 75
 - Sideroblastic anemia, and acute myelosclerosis, 2497
 - Sinus histiocytosis, lymphadenopathy with, 1994
 - Sjögren's syndrome, and lymphoma development, 2049
 - Skin
 - basal cell carcinoma of
 - aggressive behavior of, 533
 - in children, 350
 - carcinoma cuniculatum of, 2395
 - chondroid syringoma of, malignant, 1690
 - in Muir-Torre syndrome, 1898

- in regressing atypical histiocytosis, 959
in sinus histiocytosis, 1994
in systemic mast cell disease, 927
tumors in Liberia, 1945
verrucous carcinoma of, 2395
- Skin tests
in breast cancer, 2034
in melanoma, prognostic value of, 2336
- Small-cell carcinoma
of lung. *See* Lung, carcinoma of, small-cell
of ovary, hypercalcemia with, 188
of thymus, 1652
- Smoking
and herpes antibodies in oral cancer, 2315
and renal pelvic cancer, 2617
and respiratory tract cancer in Los Angeles, 2201
- Somatostatin
in cells of ovarian carcinoids, 68
production by gastric argyrophil carcinoma, 1904
- Spermatogenesis, AMSA affecting, 2459
- Spinal cord
compression in lymphomas, treatment of, 2446
paraspinal sarcomas in childhood, 2512
- Spleen
in hairy-cell leukemia, 1617
"hot spleens" in metastatic melanoma, 439
in systemic mast cell disease, 927
- Squamous cell carcinoma
of cervix. *See* Cervix uteri cancer
of head and neck, immunoglobulin allotypes in, 2021
retinoic acid-binding protein in, 619
tourniquet infusions in, 850
- Steroids, fecal levels of, and breast cancer risk, 1201
- Stomach tumors
argyrophil cells in, with multiple secretions, 1904
chemotherapy after surgery in, 1116
combination chemotherapy in, 1362
comparison of treatment regimens in, 1771
immunological changes in, 1810
intestinal mucins in, 1664
intraoperative irradiation in, 2259
leukocyte adherence inhibition assay in, 1185
lymphomas, 493, 1258
surgery in, 1135
myosarcoma, 177
plasmacytoma, 2025
psammomatous calcification in, 788
- Substance P, in cells of ovarian carcinoids, 68
- Surgery
in breast cancer. *See* Mastectomy
chest wall reconstruction, 1286
in colorectal cancer, and postoperative surveillance, 1043
in esophageal carcinoma, and preoperative scanning, 1031
in gastric lymphoma, 1135
and postoperative chemotherapy. *See* Chemotherapy, post-operative
and postoperative immunotherapy in melanoma, 1079
and postoperative radiotherapy. *See* Radiotherapy, post-operative
and preoperative chemotherapy
in inflammatory breast cancer, 1266
in osteogenic sarcoma, 1221
and preoperative radiotherapy. *See* Radiotherapy, preoperative
splenectomy with amputation and MER in canine osteosarcoma, 1613
in Wilms' tumor of childhood, and pregnancy outcomes in survivors, 2285
- Synovial sarcoma, prognosis after surgery in, 1721
- Syringoma, chondroid, malignant, 1690
- T**
- Tamoxifen
in breast cancer, and response to megestrol, 413
in melanoma, 1353
ocular side effects of, 1999
in prostate cancer, 1367
- Telangiectatic osteogenic sarcoma, 1679
- Telocidin, as tumor promoter, 1970
- Teratoma
mediastinal, in childhood, 398
ovarian, and metastatic carcinoid, 2541
- Testicular function, Hodgkin's disease and chemotherapy affecting, 418
- Testicular tumors
in cryptorchids, 1023
Leydig cell, malignant, 547, 714
mesothelioma of tunica vaginalis, 119
metastasis from colon cancer, 411
and pneumothorax in pulmonary metastases, 1734
synthesis of α -fetoprotein and chorionic gonadotropin in, 303
- Testosterone
with chemotherapy, in prostatic cancer, 1373
serum levels after chemotherapy in Hodgkin's disease, 418
- Thermochemotherapy
affecting renal function, 25
affecting liver, 1112
in melanoma metastasis to liver, 1243
- Thermoradiotherapy, interstitial, 205
- Thioguanine, in combination chemotherapy, in AML, 1530
- Thorotrast-induced hepatic malignancies, 2161
- Thrombocytopenia, and needle-induced bleeding in lumbar puncture, 2168
- Thymidine kinase, in lung tumor specimens, 460
- Thymoma, invasive, cisplatin in, 1985
- Thymus, oat-cell carcinoma of, 1652
- Thymus extract, in Hodgkin's disease, 245
- Thyroid function, in childhood ALL, 145
- Thyroid hormones, half-life in serum after radioiodine, 2281
- Thyroid tumors
calcitonin and CEA levels in, 2342
hyperparathyroidism with, after radiation exposure, 874
melanin production in medullary cancer, 2518
- Tobacco use. *See* Smoking
- Tonsillar region, carcinoma of, 2009
- Tourniquet-induced hypoxia, and radiotherapy in osteosarcomas, 1597
- Tourniquet infusion, compared to hyperthermic perfusion, 850
- β_1 -Transferrin levels, in breast cancer, 502
- Transitional cell carcinomas, and ABH antigens in urothelium, 2476
- Truncal sarcoma, in childhood, 2612
- Trypan blue, mutagenicity of, 1970
- Tubular complexes in cells, in lymphoblastic lymphoma, 1629
- Tumor cell vaccines. *See* Immunotherapy

- Tumor markers. *See also* Carcinoembryonic antigen; α -Fetoprotein in breast cancer
mouse mammary tumor virus in, 261
and response to therapy, 1236
serum proteins in, 502
in gastric neoplasia, intestinal mucins in, 1664
in head and neck cancer, immunoglobulin allotypes in, 2021
in ovarian dysgerminoma, 994
in ovarian inclusion cysts, 722
urinary, 1150
nucleosides in, 2513
Tunica vaginalis testis, malignant mesothelioma of, 119

U

- Ultrasound, hyperthermia from, cisplatin with, affecting renal function, 25
Urethra, female, clear-cell adenocarcinoma of, 372
Uridine kinase, in lung tumor specimens, 460
Urinary tract, intestinovesical fistula in CLL, 2165
Urine, tumor-associated antigens in, 1150
Urothelium, ABH antigens in, 2476
Urticaria pigmentosa, in systemic mast cell disease, 927
Uterine cancer
angiosarcoma, 1469
cervical. *See* Cervix uteri cancer
endometrial. *See* Endometrial carcinoma
scans of liver and bone in, 1040

V

- Vaccines of tumor cells. *See* Immunotherapy
Vacuolated plasma cells in macroglobulinemia, with abnormal mu-chain production, 2489
Vaginal cancer, radiation therapy in, 1308
Vasoactive intestinal polypeptide, in cells of ovarian carcinoids, 68
Veno-occlusive disease of liver, after mitomycin-C, 1789
Verrucous carcinoma of skin, 2395
Vinblastine
in combination chemotherapy
in brain metastases from germ cell tumors, 12
in breast cancer, in high-frequency low-dose regimen, 2231
ocular side effects of, 1999
platelets loaded with, in sinus histiocytosis therapy, 1994
Vincristine
in combination chemotherapy
in acute myelogenous leukemia, 1530
in adult ALL, 846
BCG with, in inflammatory breast cancer, 1537
in breast cancer, 835

- in cervical cancer, 2437
in colorectal cancer, 1555
in Ewing's sarcoma, as adjuvant therapy, 1561
in head and neck cancer, 1358
in lymphomas
bleomycin infusions with, 1346
diffuse histiocytic, 1746
nodular histiocytic, 840
in spinal cord compression, 2446
in prolymphocytic leukemia, 1524
in small-cell lung cancer, 1544
in alternating chemotherapy, 2449
radiotherapy with, 2003, 2252
and malondialdehyde production by platelets, 665
neurotoxicity enhanced by VP-16, 859
ocular side effects of, 1999
Vindesine, in combination chemotherapy, in esophageal cancer, 1174
Virus-induced tumors, 1958
papillomavirus
and condyloma acuminatum, 489
and vulvar intraepithelial neoplasms, 468
Vitamin A binding protein, in squamous cell carcinomas, 619
Vocal cord carcinoma, radiotherapy in, laryngeal edema from, 655
Vomiting, prechemotherapy, 201
VP-16
in combination chemotherapy, in small-cell lung cancer, 1544
and vincristine neurotoxicity, 859
VP-16-213, in combination chemotherapy of small-cell lung cancer
in alternating chemotherapy, 2449
radiotherapy with, 2003
Vulva tumors
hypercalcemia in, 2389
melanoma, neurotropic, 999
papillomavirus and nuclear DNA content in, 469
Vulvovaginal cancer, radiation and surgery in, 1085

W

- Waldenström's macroglobulinemia, and immunoblastic sarcoma, 2580
Warfarin, and metastases after radiation of solid tumor, 427
Wilms' tumor, reproductive effects of treatment in, 2285
Wilms-like tumor in brain, with astrocytoma, 2505

Y

- Yellow OB, mutagenicity of, 1970
Yolk sac carcinoma, xenografts of, 683

Authors' Index—Volume 49

A

Abayomi, O. 2466
 Abe, M. 2580
 Abe, S. 783
 Abed, R. 30
 Abrahams, J. I. 984
 Acevedo, H. F. 2300
 Adam, N. 439
 Adamus, J. 2420
 Adelson, G. L. 714
 Agarwal, M. 651
 Ahmann, D. L. 1353
 Ahn, Y. S. 1944
 Ahnen, D. J. 2077
 Aida, Y. 2505
 Akagi, G. 678
 Akimoto, R. 2025
 Alberhasky, R. C. 1511
 Aldinger, K. A. 388
 Alegre, A. 152
 Alexander, J. 1174
 Alexander, J. W. 1613
 Algard, F. T. 2383
 Almagro, U. A. 1929
 Altini, M. 533
 Altmaier, E. M. 201
 Altman, A. J. 1384
 Altschuler, C. 30
 Alumets, J. 68
 Alward, K. 633
 Amalric, R. 30
 Amiel, J. P. 1537
 Amy, R. 777
 Andersen, P. K. 2414
 Anderson, B. 2466
 Ando, N. 1031
 Angervall, L. 1721
 Antich, P. P. 1587
 Antler, A. D. 170
 Arbabi, L. 878
 Ariel, I. M. 1070
 Arlen, M. 1387, 2021
 Armitage, J. O. 916
 Arnold, A. 1778
 Aroney, R. S. 2437, 2449
 Asada, I. 354
 Aufses, A. H., Jr. 1201
 Augsburg, J. J. 578
 Aur, J. A. 145
 Austin, F. C. 2034
 Ayala, A. G. 525
 Ayme, Y. 30

B

Bacci, G. 1561
 Baggerly, J. T. 1194

Bains, M. 1174
 Baker, D. G. 25, 427
 Baker, S. R. 163
 Balawajder, I. 1587
 Balch, C. 1079, 1355
 Ballatori, E. 245, 708
 Ballieux, R. E. 1866
 Balmukhanov, S. B. 1597
 Bandiera, D. C. 2420
 Bank, A. 2226
 Banks, P. M. 939
 Baratz, M. 1500
 Barbato, A. L. 874
 Barcos, M. 314
 Barduagni, A. 9
 Barker, B. E. 2226
 Barker, L. F. 1378
 Barkley, T. 1338
 Barlogie, B. 1629
 Barlow, J. J. 128
 Barnes, B. C. 1767
 Bartolucci, A. A. 1079, 1355, 2192
 Bassett, J. G. 1800
 Batata, M. 869, 1023
 Batrus, C. L. 646
 Battit, G. 2259
 Bauer, F. W. 369
 Beardwell, C. G. 418
 Beattie, E. J., Jr. 2591
 Beckstead, J. H. 1697
 Beechler, C. R. 1705
 Bekker, B. V. 2527
 Bell, D. R. 2449
 Bellur, S. 1294
 Ben-Amital, D. 1649
 Ben-Chetrit, E. 1649
 Benjamin, R. S. 1762
 Bennett, J. M. 840
 Bennett, M. T. 2587
 Berard, C. W. 840, 1016
 Berken, A. 2231
 Bernatz, P. E. 1658
 Bernstein, K. E. 1668
 Berson, S. D. 2537
 Bertino, J. R. 338, 637
 Besa, E. C. 308
 Bhagavan, B. S. 480
 Bhattacharya, M. 128
 Bianco, C. N. 1810
 Bibro, M. C. 398
 Bichler, E. 619
 Bickers, J. 835
 Biggs, P. J. 2259
 Billings, A. A. 1784
 Binkley, W. B. 493
 Bitran, J. D. 1784, 1916
 Bjelkengren, G. 217
 Björkholm, M. 1702
 Blackledge, G. 418
 Blanca, I. 1810
 Blasik, L. G. 742
 Blasko, J. 2009
 Blaustein, A. 722
 Blom, J. 1346
 Bloomfield, C. D. 1346
 Blumenschein, G. 413, 1266, 1762, 1767
 Bodenheimer, H. C., Jr. 543
 Bodey, G. P. 1767
 Bodey, G. P., Sr. 2246
 Boghossian, H. M. 1920
 Boice, C. R. 2242
 Boivin, J.-F. 2470
 Boland, J. 1587
 Bom-Van Noorloos, A. A. 1605
 Boni, C. 1985
 Bonnet, J. 2252
 Boone, C. W. 2034
 Borghi, A. 1561
 Borochoy, D. 2097
 Boronow, R. C. 1085
 Bottomley, R. H. 2336
 Bowen, J. 1266
 Bracaglia, A. M. 245
 Bradley, E. C. 221
 Bradley, E. L., Jr. 384
 Brady, L. W. 578
 Braithwaite, S. S. 874
 Brandone, H. 30
 Brannon, R. B. 562
 Braun, L. A. 468
 Brawn, P. N. 525, 826
 Breitenacker, R. 2103
 Brennan, M. F. 1092, 1212, 1249
 Brenner, D. E. 556
 Brenner, J. 2431
 Brennhovd, I. O. 2420
 Bretsky, S. S. 1679
 Breuer, A. C. 2168
 Bridge, M. F. 971
 Brigden, M. L. 2383
 Brittin, G. M. 547
 Broadus, A. E. 2389
 Brodovsky, H. 1367
 Brooks, M. H. 874
 Brown, P. W. 1145
 Brown, W. R. 2077
 Bruckman, J. E. 1658
 Brunner, K. 2226
 Brunning, R. D. 888
 Buchanan, R. 1778
 Buchler, D. A. 999
 Budgeon, L. R. 2537
 Budman, D. R. 1444
 Buechner, H. 1874
 Bulkley, B. H. 48, 944
 Bunn, P. A. 221, 859, 1485

Burgdorf, W. H. C. 1898
 Burke, J. S. 586
 Burmeister, R. 30
 Burns, C. P. 916
 Burns, D. 1079
 Burt, M. E. 1092, 1249
 Buskirk, S. J. 1934
 Butler, A. 1679
 Butler, J. J. 1746
 Butler, W. M. 1524, 2497
 Buzby, G. P. 1476
 Buzdar, A. U. 413, 1767
 Byrne, G., Jr. 1994
 Byrnes, J. 1994

C

- Cacavio, A. 1221
 Caceres, E. 2420
 Caces, J. 1716
 Cadman, E. C. 338
 Caillou, B. 2342
 Calmettes, C. 2342
 Camel, H. M. 1308
 Campanacci, M. 1561
 Campbell, P. E. 802
 Caparros, B. 1221
 Caprini, J. A. 1754
 Carbonell, A. 2091
 Carda-Abella, P. 80
 Carlyle, S. J. 2383
 Caroline, D. 797
 Carson, S. A. 472
 Carter, D. 398
 Carter, R. F. 802
 Cascinelli, N. 2420
 Case, R. 2034
 Cassileth, B. R. 198
 Cavins, J. A. 2034
 Cavo, M. 623
 Caya, J. G. 1929
 Cernetti, C. 245
 Cetas, T. C. 205
 Chan, W. K. 2437, 2449
 Chang, C. H. 553
 Chang, L. 1716
 Chang, P. 1106
 Chapman, R. 1174
 Chatterjee, S. K. 128
 Chaudhry, A. P. 288
 Chen, K. T. K. 369, 547
 Chen, T. 2252
 Cheng, V. S. T. 239
 Chin, H. W. 2276
 Cho, Y. K. 2015
 Choux, M. 1420
 Chow, C. W. 802
 Chow, W. H. 1713
 Chowdhury, K. 128
 Choy, T. 748
 Christopherson, W. M. 1511
 Chu, F. F. C. H. 1023
 Chu, H. 1629
 Chuang, V. P. 640
 Chunchurreta, R. 152
 Clark, D. 2259
 Clark, K. A. 2376
 Clark, R. L. 1739
 Clark, W. H., Jr. 198
 Clarke, D. 2295
 Clarkson, B. D. 1571
 Claudio, F. 2420
 Clendenning, W. E. 742
 Cleton, F. J. 1605
 Cocconi, G. 1985
 Cohen, A. 1272, 2259
 Cohen, C. 2537
 Cohen, E. 1754
 Cohen, M. 1387
 Cohen, M. H. 221, 859, 1485
 Cohen, Y. 2197
 Colby, T. V. 586, 1848
 Collins, R. D. 846
 Collste, L. 109
 Colman, C. A., Jr. 2252
 Connelly, P. J. 1511
 Connelly, R. R. 1016
 Connor, W. G. 205
 Conrad, F. G. 1746
 Conroy, R. M. 1321
 Constable, W. 25, 427
 Contreras, C. E. 1810
 Cooper, D. R. 1800
 Cooper, M. R. 2226
 Copeland, E. M. 1112
 Coppola, A. 2305
 Corder, M. P. 2455
 Cortez, E. A. 2049
 Corwin, H. 234
 Coslett, H. B. 173
 Costanzi, J. 835
 Costello, W. 840
 Cowchock, F. S. 1580
 Cox, E. B. 1236
 Cox, R. S. 2295
 Coy, P. 2383
 Creagan, E. T. 1353
 Creech, R. 2441
 Crom, W. R. 1378
 Crooke, S. T. 1346
 Crowley, J. P. 1636
 Crowther, D. 418, 439
 Crum, C. P. 468
 Cruz, E. 152
 Culp, D. A. 2185
 Cunningham, M. P. 1754
 Cunningham, T. 1988
 Cuomo, A. 1985
 Curtis, J. L. 2136
 Cutler, L. S. 288

D

Dabasaki, H. 456
 Da Cunha, M. F. 2459
 Dahl, G. V. 1378
 Dahl, M. V. 959

Dahlin, D. C. 1890
 Dalager, N. A. 737
 Daling, J. R. 1713
 Dalley, D. N. 2449
 Dalton, W. R. 748
 Daly, J. M. 1112
 Damjanov, I. 573
 Danoff, B. F. 1580
 Dao, T. L. 1988
 Dardi, L. E. 343
 Darzynkiewicz, Z. 109
 Davey, F. R. 1617
 Davidian, M. 170
 Davis, L. W. 229, 1297
 Davis, S. 245, 708
 Daxenbichler, G. 619
 Day, J. L. 578
 Dean, C. M. 411
 De Boer, G. R. M. 1664
 Decker, J. P. 1481
 Decosse, J. J. 1131, 1258
 Dedo, H. H. 655
 De Giovanni, C. 623
 Degnan, T. J. 1444
 Dehner, L. P. 959, 1005
 Del Campo, A. L. 2153
 Delgado, G. 1040
 Demanes, D. J. 1697
 DeMeeste, R. 1916
 Demers, L. 556
 Denison, M. 1378
 Dent, P. B. 2043
 Depillis, V. J. 573
 Dermer, G. B. 881
 Desser, R. K. 1784, 1916
 Detrick-Hooks, B. 1524
 Devonec, M. 109
 Di Camelli, R. F. 234
 Dick, F. R. 916
 Dickersin, G. R. 188
 Dieb, T. M. 1829
 Diebold, P. 1537
 Dilawari, R. A. 1135
 Dilley, W. G. 1236
 Dillman, R. O. 2003
 DiMagno, E. P. 361
 Dimond, R. L. 742
 Dinndorf, P. 1384
 Dise, C. A. 2518
 Doiron, D. R. 777
 Donaldson, E. 35, 379
 Donaldson, M. 1
 Dorfman, H. D. 480
 Dorfman, R. F. 1016
 Dormont, D. 1537
 Douglass, H. O., Jr. 1555
 Drzewiecki, K. T. 2414
 Dudrick, S. J. 1112
 Dueland, R. T. 1613
 Duffell, D. 1920
 Dunnick, N. R. 1485
 Dupont, W. D. 751
 Durant, J. R. 1079

E

Earle, J. D. 1658, 1934
 Easton, J. M. 1016
 Edwards, K. C. 1321
 Egan, R. L. 1123
 Ehlers, G. 1338
 Eibergen, R. 61
 Einhorn, N. 2234
 Eisenberg, B. 1131
 Eisenberg, K. B. 984
 Ekert, H. 603
 Eklund, G. 2234
 Elkon, D. 25, 427
 Elliott, R. S. 1243
 Ellis, W. M. 603
 Ellison, R. R. 1346
 Elson, P. 2441
 Emami, B. 2466
 Engstrom, P. F. 1555
 Enzinger, F. M. 140
 Epp, E. R. 2259
 Epremian, B. 2070
 Erlandson, R. A. 269, 273
 Ettinger, D. S. 1544
 Evans, H. L. 84
 Evans, J. P. 633
 Evans, R. G. 1934
 Evans, S. J. W. 773
 Evans, W. E. 1378
 Ewer, M. 1762
 Ewing, J. H. 850
 Ezdinli, E. 840

F

Faber, J. 1866
 Fahmy, A. 1898
 Falkmer, S. 68
 Falkson, G. 1859, 2226
 Falkson, H. C. 1859
 Farago, G. A. 1941
 Farber, L. R. 338
 Farr, G. H. 177
 Farrow, G. M. 1658, 1934
 Fay, J. 1789
 Feldman, J. G. 984
 Feldman, P. S. 714
 Fenoglio, C. M. 261, 468
 Filippa, D. A. 1258
 Fine, W. E. 2285
 Finlay, J. L. 234
 Fischer, D. B. 1937
 Fischer, J. J. 2289
 Fisher, J. N. 145
 Flam, M. S. 547
 Fleming, I. D. 1135
 Fletcher, G. H. 1316
 Flexner, J. M. 846
 Flynn, K. J. 959
 Ford, J. M. 2617
 Forman, S. J. 1839
 Foucar, K. 888, 1629

Fowler, J. E., Jr. 136, 1373
 Fox, R. M. 2437
 Franzén, S. 2234
 Fraschini, G. 1767
 Frazier, O. H. 1112
 Freedman, R. S. 2242
 Freel, R. 1920
 Freeman, A. 314
 Freireich, E. J. 1762
 Frizzera, G. 888
 Fu, A. S. 2571
 Fu, K. K. 655
 Fu, Y. S. 468, 2560, 2571
 Fudenberg, H. H. 2021
 Fujii, H. 2489
 Fuller, L. M. 1746
 Furuya, K. 678

G

Gad El Mawli, N. 835
 Gaetjens, E. 984
 Gajl-Peczalska, K. J. 959
 Gale, R. P. 1789
 Galli, M. C. 623
 Gambarelli, D. 1420
 Ganatra, R. D. 2281
 Garcia, M. 1690
 Gardner, E. J. 1413
 Gardner, F. H. 308
 Garrison, R. C. 1890
 Gastrointestinal Tumor Study Group,
 1116, 1362, 1771
 Gay, E. C. 379
 Gehan, E. A. 1, 2217, 2612
 Gelber, R. 1297
 Geller, N. L. 308
 George, S. L. 1716
 Gerard-Marchant, R. 2342
 Gerber, M. A. 543
 Gerner, E. W. 205
 Ghandur-Mnaymneh, L. 698
 Giangreco, A. 2267
 Gil-Grande, L. 80
 Ginsberg, S. J. 1346
 Gitelis, S. 1561
 Glaser, R. 2513
 Glass, J. P. 759
 Glaubiger, D. 2404
 Glick, J. H. 840, 1367
 Gloor, E. 294
 Go, V. L. W. 361
 Gobbi, M. 623
 Goffinet, D. R. 2295
 Golbey, R. B. 1023, 2431
 Goldberg, S. L. 460
 Goldblum, R. M. 445
 Goldenberg, D. M. 379
 Goldenberg, I. S. 1937
 Goldkind, L. 610
 Goldkind, S. F. 610
 Goldman, A. S. 445
 Goldschmidt, R. A. 2365

Golomb, H. M. 1916, 2222
 Gomes, A. S. 1243
 Gomez, L. G. 445
 Gonzalez-Vitale, J. C. 445
 Gonzales, J. C. 1920
 Gonzalez-Crussi, F. 2365
 Good, R. A. 43
 Goodnight, J. E. 1243
 Goodstein, J. 343
 Goodwin, W. J. 1409
 Gordon, D. 1530
 Gordon, G. B. 1617
 Gordon, L. A. 2459
 Gordon, P. 2441
 Gorschoth, C. M. 1092
 Goto, N. 672
 Goto, S. 1878
 Goto, T. 1878
 Gottfried, M. R. 1789
 Gottlieb, A. 1346, 2226
 Gould, V. E. 343
 Grabstald, H. 869
 Graham, G. 2231
 Graham, J. H. 2395
 Graham, W. P., III. 2513
 Grand, R. J. 646
 Graner, S. 2097
 Grange, D. 2485
 Grases, P. J. 1810
 Greaves, M. 665
 Green, D. M. 2285
 Green, J. 1778
 Green, N. 865
 Green, S. J. 1353
 Greenblatt, M. N. 2231
 Greene, M. H. 538, 737
 Greengard, O. 460
 Greenspan, D. 2315
 Greenspan, J. S. 2315
 Griffin, A. C. 1409
 Griffin, D. 331
 Griffin, T. W. 2009
 Grignani, F. 708
 Grilli, S. 623
 Griner, L. 1278
 Grogan, T. M. 1817
 Grotzinger, P. 1231
 Gunderson, L. L. 1272, 2259
 Gupta, R. K. 1150
 Gupta, S. 43
 Gutterman, J. U. 251, 2246

H

Haagensen, D. E., Jr. 1236
 Haas, R. 1294
 Hafez, G. R. 999
 Hag, M. M. 2459
 Hahn, R. 1658, 2441
 Haim, N. 2197
 Hajdu, S. I. 177
 Håkanson, R. 68
 Hallsten, L. 217

Halper, J. P. 2321
 Hanna, M. G., Jr. 659
 Hansen, L. S. 2315
 Hanson, J. 651
 Hanson, M. 35, 379
 Harbert, J. C. 1040
 Hardacre, J. M. 1142
 Hardt, N. 35
 Harford, F. 1131
 Harisiadis, L. 553
 Harris, D. 1367
 Harris, R. 1048
 Harrison, W. H. 1243
 Hart, W. R. 994
 Hartveit, F. 2410
 Harvey, H. A. 556
 Hashimoto, K. 331
 Hashimoto, S. 1031
 Hassoun, J. 1420
 Hatzitheofilou, C. 55
 Haurani, F. I. 2226
 Hause, W. R. 1613
 Hawley, R. J. 859
 Hays, D. M. 1, 2612
 Head, J. F. 460
 Heiberger, R. M. 198
 Heilburn, L. 835
 Helwig, E. B. 2395
 Henderson, B. E. 2201
 Henderson, E. S. 314
 Hendriks, J. H. C. L. 2527
 Herlinger, H. 797
 Herlyn, D. 1231
 Herlyn, M. 1231
 Herr, H. 869, 984
 Herrmann, R. 314
 Hersh, E. 251, 1266, 2246
 Herskovic, A. 2463
 Herson, J. 2242
 Herzig, G. P. 1798
 Herzig, R. H. 1789
 Heule, B. V. 2602
 Hickey, R. C. 388
 Hidaka, H. 450
 Hikita, T. 456
 Hilaris, B. 1023, 1174
 Hirohashi, S. 1491
 Ho, K.-C. 423
 Ho, K.-L. 154
 Hoeft, W. D. 1613
 Hoehn, J. L. 1142
 Hoffman, P. C. 1916
 Hogan, W. M. 1278
 Hoitsma, H. F. W. 97
 Holford, T. R. 1937
 Holland, J. F. 2226
 Holland, R. 2527
 Hollinshead, A. 1387
 Holm, G. 1702
 Hong, R. 234
 Honjo, I. 354
 Hoogstraten, B. 835
 Hoover, H. C. 659
 Hopfan, S. 1174

Hoppe, R. T. 586, 1848
 Horsley, J. S., III. 1145
 Horta, A. A. 119
 Hortobagyi, G. N. 1767
 Horton, J. 1988, 2441
 Horvath, E. 714
 Hoshino, M. 1878
 Howe, H. J. 1286
 Hsiu, J. G. 2560
 Hsueh, W. 2365
 Hübner, G. 898
 Hudson, S. 379
 Humphrey, D. M. 2049
 Hurt, R. D. 1658
 Hussey, D. H. 525
 Hutchison, G. B. 2470
 Huth, J. F. 1150
 Huvo, A. G. 1221, 1679
 Hyams, J. S. 646

I

Ibanez, M. L. 388
 Idiculla, A. 1800
 Ihde, D. C. 221, 859, 1485
 Iida, S. 672
 Ikari, T. 450
 Ikezaki, H. 2161
 Ikonopisov, R. L. 2420
 Imai, T. 788
 Imamura, M. 1456
 Ingle, J. N. 1353
 Inokuchi, K. 19
 Ireton, H. J. C. 1710
 Irish, C. E. 1286
 Isaacs, H. 669
 Ishihara, Y. 2505
 Ishii, Y. 1456
 Ishikawa, T. 2173
 Ishizeki, J. 1624
 Ishizuka, T. 1878
 Ishmael, D. R. 2336
 Isono, K. 2173
 Ito, H. 1904
 Iwama, S. 672
 Izrael, V. 1537

J

Jackson, D. G. 2513
 Jacobs, G. H. 533
 Jacquemier, J. D. 2534
 Jaffe, R. 908
 Jakobiec, F. A. 2321
 Janiga, K. E. 2571
 Japko, L. 119
 Jarrell, R. 1530
 Javadpour, N. 303
 Javorski, V. V. 2420
 Jeevanram, R. K. 2281
 Jeese, R. H. 1409
 Jessup, J. M. 1158, 1266
 Jochimsen, P. R. 2455
 Johnson, D. 525, 640
 Johnson, N. W. 773

Johnston-Early, A. 1485
 Jolicoeur, R. 502
 Jones, D. B. 1617

K

Kaganowicz, A. 722
 Kahan, B. D. 1158, 1168
 Kaiser, L. R. 1243
 Kajikawa, K. 2025
 Kakegawa, T. 1031
 Kam, W. K. 2097
 Kamaraju, L. S. 1016
 Kamio, A. 788
 Kanashima, R. 19
 Kanoh, T. 2489
 Kant, J. A. 737
 Kanter, P. M. 850
 Kao, G. F. 2395
 Kapelner, S. N. 2305
 Kaplan, H. S. 586, 1817
 Kapp, D. S. 2289
 Karakousis, C. P. 850
 Karcher, D. S. 1524
 Kardon, N. 1444
 Karibjanova, Z. 1597
 Karr, J. P. 984
 Karwa, G. L. 119
 Kaufman, S. 239
 Kaur, P. 43
 Kawabata, K. 2144
 Kawano, N. 2505
 Kawano, Y. 2144, 2161
 Kawasaki, H. 2161
 Kellen, J. A. 2300
 Kelly, D. R. 2513
 Kelsen, D. P. 1174
 Kelsey, J. L. 1937
 Kennedy, B. J. 1346
 Keren, D. F. 2376
 Kerschen, C. 2485
 Kew, M. C. 407
 Khilanani, P. 538
 Kiely, J. M. 939
 Kikuchi, K. 1456
 Kikuchi, M. 788
 Killebrew, E. T. 2587
 Kim, D. S. 984
 Kim, H. 1429
 Kimura, I. 456
 Kimura, K. 672, 783
 King, E. G. 777
 Kinne, D. W. 2591
 Kirkwood, J. M. 2289
 Kirov, S. 2420
 Kirschner, P. A. 460
 Kirshner, H. S. 2446
 Kiss, J. 2097
 Kitaoka, H. 1491
 Klein, E. 2034
 Klepp, O. 1734
 Kline, I. W. 188
 Knapper, W. H. 1106
 Knospe, W. 1530

Knowles, D. M., II. 2321
 Knox, K. L. 1754
 Kohorn, E. I. 2389
 Kohsbaki, M. 331
 Kojima, M. 2580
 Kojiro, M. 2144, 2161
 Kolin, A. 2300
 Kolonel, L. N. 2208
 Kondo, M. 1031
 Kono, K. 672
 Konrad, E. A. 898
 Koppitch, F. C. 75
 Koprowski, H. 1231
 Kosloff, C. 1221
 Koss, L. G. 119
 Kostyrka-Claps, M. L. 109
 Kosuda, S. 1031
 Kotota, K. 672
 Kovacs, K. 714
 Koya, M. 2489
 Koziner, B. 1571, 2070
 Koziol, J. 2003
 Kozloff, M. F. 1784
 Kramer, S. 1276, 1297, 1580
 Krol, T. C. 596
 Krummel, T. M. 1178
 Kubo, A. 1031
 Kubo, Y. 450
 Kubonishi, I. 456
 Kubrock, C. A. 136
 Kulakowski, A. 2420
 Kun, L. E. 423
 Kundin, W. D. 1387
 Kurman, R. J. 2547
 Kurtz, J. M. 30

L

Lacher, D. A. 25
 Lacher, M. 2070
 Lacour, J. 2420
 Lagakos, S. 1338, 1544
 Laird, T. K. 1194
 Lalka, J. P. 2165
 Lamberg, S. I. 737
 Lambert, B. 2234
 Lamoureux, G. 502
 Landenberger, M. 751
 Landys, K. 513
 Lane, J. M. 1221
 Lane, M. 2252
 Lane, N. 1697
 Langdon, J. D. 773
 Lange, P. 2476
 Lara-Baruque, S. 80
 Laramore, G. E. 2009
 Larson, D. L. 1286, 1796
 Larson, R. A. 2222
 Lattes, R. 1668
 Law, D. K. 411
 Lawrence, A. M. 874
 Lawrence, W., Jr. 1, 1145
 Lazarus, H. M. 1789
 Lee, B. J. 1571

Lee, E. T. 2336
 Lee, J. 2208
 Lee, R. E. 1338
 Lee, W. M. 2596
 Lee, Y.-T. N. M. 1035
 Lees, A. 651
 Lefante, J. 1530
 Legault-Poisson, A. 502
 Legha, S. S. 1762, 1767
 LeGrue, S. J. 1168
 Leight, G. S. 1236
 Lejeune, F. 2420
 Lenhard, R. 2267
 Leone, L. A. 1636
 Le Riche, J. 777
 Lerner, H. J. 1481
 Lerner, M. P. 1439
 Leskiw, M. J. 1476
 Lester, J. N. 1746
 Letendre, L. 939
 Leutzinger, C. 2289
 Levenson, T. B. 2541
 Levi, J. A. 2437, 2449
 Levin, D. L. 2034
 Levin, H. S. 952
 Levin, N. P. 573
 Levine, P. H. 1016
 Levine, R. U. 468
 Levo, Y. 1649
 Lewis, G. J. 1321
 Li, C.-Y. 927
 Li, F. P. 2285
 Lian, S.-L. 1031
 Liao, S.-K. 2043
 Liberati, A. M. 708
 Lieberman, P. 1258, 2070
 Liebner, E. J. 1294
 Lieutaud, R. 2543
 Lim, M.-L. 427
 Limas, C. 2476
 Lindberg, R. D. 2217, 2612
 Lindsten, J. 2234
 Linn, B. S. 1048
 Linn, M. W. 1048
 Lipton, A. 556
 Little, C. 1571
 Littman, P. 1278
 LiVolsi, V. A. 1937, 2518
 Ljungberg, O. 68
 Loening, S. A. 2185
 Logio, T. 2180
 Logothetis, C. J. 12
 Lollini, P.-L. 623
 Lopez, M. 9
 Lower, G. M., Jr. 1056
 Lukes, R. J. 2602
 Luskin, A. T. 234
 Lynch, E. C. 1924
 Lyngholm, B. 2591

M

Ma, J. 1664
 Macchia, R. J. 984

MacDonald, I. A. 1405
 MacEwen, E. G. 1613
 MacFarlane, J. K. 1185
 MacIntyre, J. M. 1555
 Mackay, B. 1762
 Mackenzie, M. R. 2091
 Mackintosh, F. R. 586
 Maclean, C. J. 229
 Macy, D. W. 1613
 Maehle, B. O. 2410
 Magidson, J. 261
 Magill, G. B. 2431
 Magrath, I. 1016
 Mai, M. 2025
 Maloney, T. 835
 Man, G. 777
 Mandeville, R. 502
 Mann, R. B. 944
 Manning, M. R. 205
 Mantravadi, R. V. P. 1294
 March, V. 198
 Marcial, V. A. 1297
 Marcove, R. C. 1221
 Marcus, J. N. 2518
 Marcus, P. B. 1829
 Mark, R. 1800
 Markel, S. F. 140
 Markesbery, W. 2276
 Markhede, G. 1721
 Marquette, C. 1580
 Marshall, M. E. 1496
 Martelli, M. F. 245, 708
 Martenson, J. A. 2009
 Martin, J. F. 665
 Martin, J. H. 1829
 Martin, P. M. 2543
 Martinez, A. 2295
 Martini, N. 1174
 Maruyama, Y. 35, 2276
 Marzewski, D. J. 2168
 Masaki, H. 1031
 Matos V, M. 1810
 Matsumoto, H. 812
 Matsumoto, Y. 354
 Matthews, M. J. 221, 859
 Mattioli, C. A. 2148
 Mattson, W. 217
 Mauer, A. M. 1378
 Maurer, H. M. 1
 Mavligit, G. M. 2029
 Mayeda, K. 75
 Mayer, S. 2485
 Mazabraud, A. 727
 Mazur, E. M. 637
 Mazur, M. T. 372, 472
 McCarthy, W. H. 1941
 McCleod, T. 1994
 McCormack, P. 1174
 McCracken, J. D. 2252
 McCredie, M. 2617
 McCulloch, P. B. 2043
 McDaniel, R. K. 519
 McDonald, B. 835
 McDonnell, P. J. 944

- McFadden, E. 840
 McGavran, M. 2252
 McGovern, V. J. 1941
 McKenna, R. W. 888
 McKinney, E. C. 1994
 McLeod, R. A. 1890
 McMurtrey, M. J. 1286
 McNulty, P. 239
 Mead, B. 1778
 Mechl, Z. 2420
 Mehregan, A. H. 350
 Mehta, B. 1221
 Meijer, S. 97
 Meister, P. 898
 Meistrich, M. L. 2459
 Melamed, M. R. 109
 Melbye, R. W. 865
 Melief, C. J. M. 1605
 Memoli, V. E. 343
 Mendelsohn, J. 2003
 Merk, K. 1702
 Mesa-Tejada, R. 261
 Metcalf, J. S. 2541
 Metz, O. 224
 Meyer, J. A. 1613
 Michalek, J. 1131
 Mickey, D. D. 323
 Middleman, E. 1629
 Migita, S. 2025
 Mihara, S. 812
 Mikami, H. 783
 Mikuta, J. J. 1278
 Milhaud, G. 2342
 Miller, A. S. 519
 Miller, C. H. 2091
 Miller, C. L. 1278
 Miller, D. R. 43
 Miller, R. C. 205
 Miller, R. H. 939
 Miller, S. 1201
 Milstein, C. 1953
 Milton, G. W. 1941
 Minerbrook, M. 1444
 Minna, J. D. 221, 859, 1485
 Mirchandani, I. 75
 Mishima, A. 672
 Mitchell, S. 1135
 Mitsudo, S. 119
 Mittelman, A. 1555
 Miyoshi, I. 456
 Mnaymneh, W. 698
 Moir, D. H. 748
 Monaghan, P. 683
 Montague, D. K. 952
 Montague, E. D. 403, 1302, 1316
 Moore, C. 1067
 Moore, E. E. 411
 Moore, J. B. 411
 Moore, K. 201
 Moore, R. 850
 Morabito, A. 2420
 Moran, E. M. 1321
 Morgan, J. 251
 Mori, N. 2580
 Morii, S. 2505
 Morrison, S. D. 1212
 Morton, D. L. 55, 1150, 1243
 Mostow, E. D. 1937
 Motoike, Y. 450
 Moukhtar, M. S. 2342
 Moulder, J. E. 423
 Moyer, D. 2153
 Mravunac, M. 2527
 Muggia, F. 1555
 Mulgrew, L. 1580
 Mullen, J. L. 1476
 Mura, T. 2025
 Murao, M. 783
 Murayama, H. 788
 Murphy, G. P. 984
 Murphy, S. B. 1378
 Murphy, S. G. 251
 Murray, J. L. 1439, 2336
 Musha, H. 672
- N
- Nadji, M. 1994
 Nagasue, N. 19
 Nakagami, K. 1904
 Nakane, P. K. 2077
 Nakanishi, I. 2025
 Nakashima, T. 450, 2144, 2161
 Nakayama, K. 2173
 Nakazato, Y. 1624
 Nanni, P. 623
 Narayana, A. S. 2185
 Nardi, G. 1272, 2259
 Nathwani, B. N. 343, 1839
 Nava, H. R. 1043
 Nayman, J. 1664
 Negendank, W. 1367
 Neifield, J. P. 1145, 1178
 Nelson, J. 2259
 Nemoto, T. 1988
 Nesbit, M. E., Jr. 2404
 Neville, A. M. 683
 Nevin, J. E. 1194
 Newcom, S. R. 2338
 Newcomer, L. M. 338
 Newkirk, R. E. 742
 Newman, S. 1916
 Newsome, H. H. 1145
 Nicoletti, G. 623
 Niell, H. B. 323
 Nieweg, H. O. 40
 Nilsson, K. 2493
 Nirenberg, A. 1221
 Nishimoto, A. 456
 Nissen, N. I. 2226
 Noble, M. J. 952
 Noguera, C. A. 2305
 Nolte, M. 2097
 Nomura, A. M. Y. 2208
 Nomura, F. 672
 Non-Hodgkin's Lymphoma Pathologic
 Classification Project, 2112
 Nordquist, R. E. 1439
- Norris, H. J. 2547
 Novak, L. I. 2165
 Nowell, P. C. 308
 Noyes, R. D. 1302
 Núñez-Puertas, A. 80
- O
- Obata, H. 450
 Obenchain, D. F. 55
 O'Brien, T. 2153
 Ochoa, M. 1810
 Ockhuizen, T. 2021
 Odone, V. 1716
 Ohnishi, K. 672
 Ohno, Y.-I. 2489
 Ohsaki, Y. 783
 Ohta, M. 1878
 Okazaki, N. 1491
 Okuda, H. 450
 Okuda, K. 450, 672
 Oldhoff, J. 61
 Oleson, J. R. 205
 Olney, L. E. 2185
 Omura, G. A. 1530
 Onada, S. 2173
 Ong, D. E. 1409
 Ongkasuwan, C. 1469
 Oosterhuis, J. W. 61
 Order, S. E. 2267
 Ornitz, R. D. 2463
 O'Rourke, L. 2338
 Ortega, J. A. 2608
 Osaba, D. 1358
 Oster, M. W. 261, 1999
 Oswald, M. J. 1316
 Ota, M. 812
 Otsuka, H. 678
 Ough, Y. 170
 Oviatt, D. L. 2446
 Oviedo, M. A. 1754
 Ozawa, K. 354
- P
- Padavic, K. 1367
 Pagana, T. J. 1043
 Page, D. L. 751
 Paglieroni, T. 2091
 Pajak, T. F. 1346, 2226
 Paladugu, R. R. 343
 Palmer, R. 835
 Paloyan, E. 874
 Palutke, M. 538
 Pandey, J. P. 2021
 Panko, W. B. 2148
 Panvelliwalla, D. 1201
 Papachristou, D. N. 177
 Papatestas, A. E. 1201
 Park, H. C. 850
 Passe, S. 1571
 Patanaphan, V. 2015
 Paterson, A. H. G. 651

Patterson, M. 445
 Pauli, G. 2485
 Peer, R. 288
 Pellettiere, E. V., II. 234
 Pellis, N. R. 1158, 1168
 Peng, R. 2091
 Penneys, N. S. 1994
 Perez, C. A. 1308
 Perez-Cuadrado, S. 80
 Persijn, J. P. 1866
 Pertschuk, L. P. 984
 Pertsemilidis, D. 1201
 Perzin, K. H. 971
 Peters, L. C. 659
 Peterson, B. 1346
 Petrelli, M. 908
 Phadke, K. 439
 Phatak, R. 1294
 Phelan, K. 1185
 Phillips, G. L. 1789
 Phillips, T. L. 655
 Picci, P. 1561
 Pike, M. C. 2201
 Pilon, V. A. 1617
 Pinkston, J. A. 434
 Pinto, H. A. 737
 Pitchumoni, C. S. 170
 Pitha, J. 1898
 Pitot, H. C. 1206
 Plapp, F. V. 633
 Platoff, G. E. 136
 Plenert, W. 224
 Podolsky, W. J. 586
 Poisson, R. 502
 Pollack, V. A. 659
 Pollet, J. F. 30
 Popp, M. B. 1212
 Porter, D. D. 55
 Portugal, M. A. 1859
 Posner, J. B. 759
 Powell, D. F. 379
 Prada, M. 152
 Pratt, C. B. 1716
 Prempre, T. 1469, 2015
 Presant, C. A. 1079, 1355, 2192
 Preston-Martin, S. 2201
 Pretlow, T. G., II. 384
 Pribram, H. F. W. 1321
 Price, J. B., Jr. 2596
 Princler, G. L. 303
 Prinz, R. A. 874
 Pritchard, D. J. 1890
 Pritchett, J. W. 2578
 Prodi, G. 623
 Profio, A. E. 777
 Prosnitz, L. R. 338

Q

Qazi, R. 600
 Quesada, J. 251
 Quinn, J. J. 1384
 Quivey, J. M. 655

R

Ragab, A. H. 2217, 2612
 Raghavan, D. 683
 Rahbari, H. 350
 Raker, J. 239
 Rambotti, P. 245, 708
 Ramsay, N. 959
 Raney, R. B. 1
 Raney, R. B., Jr. 2217, 2612
 Rao, B. G. 1405
 Ravidis, A. D. 773
 Rappaport, H. 1429, 1839
 Rasmussen, S. 835
 Ravina, J. H. 1537
 Ray, P. K. 1800
 Reagan, J. W. 2560, 2571
 Redono, C. 1690
 Ree, H. J. 1636
 Reese, D. F. 939
 Reid, J. D. 908
 Remeniuk, E. 1929
 Révész, L. 1597
 Rhoads, J. E., Jr. 1800
 Rhodes, J. 1524
 Rice, L. 1924
 Richards, F., II. 2226
 Richardson, R. C. 1613
 Richart, R. M. 468, 489
 Rinehart, L. 25, 427
 Rippey, J. J. 533
 Rivera, G. 1378
 Robboy, S. J. 68
 Robert, F. 30
 Robidoux, A. 2246
 Robin, E. 1916
 Robinson, B. 1754
 Robinson, E. 2197
 Robison, R. 403
 Rocamora, A. 1690
 Rocha, L. 1040
 Rockett, A. 2259
 Rodé, I. 2420
 Rodriguez-Alacon, J. 152
 Roeslin, N. 2485
 Rogers, C. C. 2463
 Rogers, E. L. 610
 Rogers, L. W. 751
 Rogers, S. W. 1413
 Roggli, V. L. 101
 Rolland, P. H. 2534
 Romero, R. 2389
 Rosen, G. 1221, 1679
 Rosen, P. P. 269, 2591
 Rosenberg, S. A. 586
 Rosenfelt, F. P. 586
 Rosenthal, C. J. 2305
 Rosenthal, D. S. 2168, 2231
 Rosenthal, H. E. 984
 Rosner, D. 1988, 2034
 Ross, M. B. 413
 Ross, W. E. 201
 Rostock, R. A. 2267
 Roth, J. A. 2180

Rothman, B. N. 519
 Rothman, K. 239
 Rothschild, H. 1874
 Rowe, W. P. 1958
 Rowley, J. D. 2222
 Royston, I. 2003
 Rozen, P. 1500
 Rubinstein, L. C. 2136
 Rude, R. K. 1449
 Russell, A. 2259
 Russell, A. H. 2009
 Rutledge, F. N. 2242
 Ruymann, F. 2217, 2612
 Ruzicka, J. 294
 Ryall, R. 1338

S

Saiki, J. 2252
 Sakamoto, K. 450
 Sakuma, K. 450
 Salat-Baroux, J. 1537
 Saleem, A. 101
 Sallan, S. E. 646
 Samaan, N. A. 388
 Samson, M. 2252
 Samuels, M. 12, 640
 Sandberg, A. A. 984
 Sane, S. 802
 Santamaria, F. 30
 Sarna, G. P. 1789
 Sasano, N. 1504
 Satchidanand, S. 288
 Sato, H. 2173
 Savlov, E. D. 600
 Savory, J. 25
 Scanlon, E. F. 1754
 Scanlon, P. W. 939
 Scanzano, R. 1185
 Schaeffer, A. J. 372
 Schecther, G. P. 221
 Scheithauer, B. W. 1652
 Schell, F. C. 1767
 Schell, S. 1316
 Scherrer, J. 1387
 Schoeman, H. S. 1859
 Schosser, R. H. 1898
 Schreiber, K. 119
 Schulman, P. 1444
 Schulof, R. S. 43
 Schwartz, I. 1481
 Schwartz, P. E. 2389
 Scialla, S. J. 1465
 Sciubba, J. J. 562
 Scott, R. M. 2015
 Scully, R. E. 188
 Seagren, S. 2003
 Sealy, R. 1338
 Sears, H. F. 1231
 Seigle, J. 30
 Sekine, I. 434
 Sens, M. A. 2541
 Seo, I. S. 493
 Sergeev, S. 2420

- Sewchand, W. 2015
 Shah, D. H. 2281
 Shah, K. V. 468
 Shahbazian, A. A. 1321
 Shah-Reddy, I. 75
 Shalet, S. M. 418
 Shapiro, C. M. 1784
 Shar, S. R. 407
 Sharma, S. D. 850
 Sharma, S. M. 2281
 Sharp, C. F., Jr. 1449
 Shaw, H. M. 1941
 Sheiko, M. C. 994
 Shell, M. 2463
 Shenkenberg, T. 1924
 Shenouda, G. 1185
 Sherlock, P. 1258
 Shetty, M. R. 1920
 Shevchuk, M. M. 489
 Shields, J. A. 578
 Shillitoe, E. J. 2315
 Shimamoto, F. 1904
 Shimolawara, I. 1456
 Shimozato, Y. 1491
 Shipley, W. U. 1272, 2259
 Shirai, F. 2144
 Shiota, A. 19
 Shiu, M. H. 177
 Shorter, R. G. 361
 Shullenberger, C. C. 1746
 Siegal, T. 2500
 Siegel, S. E. 669
 Siegelman, S. S. 2267
 Silberman, H. 1530
 Siler, K. 737
 Silva, F. 2596
 Silva, J. S. 1236
 Silverberg, S. G. 1504
 Silverman, S., Jr. 2315
 Silverstein, M. B. 338
 Simon, R. 1988
 Simonsson, B. 2493
 Singal, D. P. 2043
 Singer, F. R. 1449
 Singh, G. 119
 Sklaroff, R. 1571
 Smalley, R. V. 1079
 Smevik, B. 1734
 Smith, F. P. 1040
 Smith, G. 1112
 Smith, J. A., Jr. 869
 Smith, M. T. 859
 Smith, T. L. 1266
 Snover, D. C. 1005
 Snow, J. B. 1297
 Snyderman, M. 1988
 Soares, T. 303
 Sobo, A. O. 1945
 Söderhäll, S. 2234
 Söderström, K.-O. 2349
 Soffer, D. 2500
 Sogani, P. C. 869
 Sokal, J. 314
 Soloway, M. S. 323
 Sordillo, P. P. 2070, 2431
 Soule, E. H. 1, 2217, 2612
 Southeastern Cancer Study Group, 1079, 1355, 2192
 Spanos, W. J., Jr. 1302, 1316
 Spaulding, R. W. 547
 Speicher, C. E. 2513
 Spiegelman, S. 261
 Spitalier, J. M. 30, 2543
 Spiva, D. A. 2049
 Sponzo, R. 1988
 Sporrang, B. 68
 Stalsberg, H. 819
 Stefansson, K. 1834
 Stein, R. S. 846, 2446
 Stein, T. P. 1476
 Steinhertz, P. 43
 Stener, B. 1721
 Stephens, R. 2252
 Steplewski, Z. 1231
 Stewart, A. F. 2389
 Stewart, D. 251
 Stewart, J. H. 2617
 Stoll, W. 224
 Stone, B. R. 2043
 Stone, D. 633
 Storaasli, J. P. 2560
 Storm, F. K. 1243
 Straus, D. 1258, 1571
 Stutzman, L. 314, 2226
 Stutzman, R. E. 136
 Sudilovsky, O. 1789
 Sugimura, T. 1970
 Suit, H. D. 239, 2259
 Sullivan, J. A. 1746
 Sumii, K. 1904
 Sumner, H. W. 1005
 Sun, C.-C. J. 2103
 Sundler, F. 68
 Sung, D. I. 553
 Sutherland, D. 1358
 Sutow, W. W. 2217
 Sutula, T. P. 173
 Suzuki, T. 354
 Swanson, M. K. 1142
 Sweet, D. L. 2222
 Swiderski, G. 538
 Swingle, K. F. 1321
 Szafran, O. 651
 Szczygiel, K. 2420
- T
- Tabaczka, P. 538
 Tabuchi, K. 456
 Taetle, R. 2003
 Tahara, E. 1904
 Tak, W. 2466
 Takahashi, K. 1624, 2580
 Takashi, M. 672
 Takeda, A. 1878
 Takemoto, N. 2144
 Tallos, P. B. 1236
 Tanabe, E. T. 372
 Tanaka, T. 456, 1168
 Tanaka, Y. 19
 Tang, C.-K. 1469
 Tanner, K. 1387
 Tannock, I. 1358
 Tapley, N. D. 1316
 Tartter, P. I. 1201
 Tattersall, M. H. N. 2437
 Taub, R. N. 1178
 Tauro, G. P. 603
 Taylor, C. R. 2153, 2602
 Taylor, H. G. 1524, 2497
 Taylor, J. E. 1469
 Taylor, J. S. 2617
 Taylor, W. F. 361
 Taylor, W. J. 2009
 Tefft, M. 1
 Teichberg, S. 1444
 Teja, K. 173
 Tellis, C. J. 1705
 Tenaglia, A. 198
 Tenholder, M. F. 1465
 Terenius, L. 2493
 Terry, R. 1449, 2602
 Terz, J. J. 1145
 Tesh, D. W. 2009
 Testa, J. R. 2222
 Te Velde, E. R. 1866
 Thaler, H. T. 1571
 Thant, M. 859
 Thatcher, N. 439
 Thelmo, W. 170
 Thigpen, T. 835
 Thomas, E. D. 1963
 Thomas, H. 1800
 Thomas-van der Schans, G. S. 40
 Thompson, D. M. P. 1185
 Thompson, J. 797
 Thorton, K. R. 2383
 Thung, S. N. 543
 Tilzer, L. L. 633
 To, M. P. 2383
 Tobe, T. 354
 Todd, I. 418
 Toga, M. 1420
 Toker, C. 2103
 Tokunaga, F. 812
 Tomoda, Y. 1878
 Tong, D. 2009
 Tongio, M. M. 2485
 Touloukian, R. J. 398
 Townsend, D. E. 468
 Trantum, B. L. 835
 Trapeznikov, N. N. 2420
 Trewyn, R. W. 2513
 Trigg, M. E. 2404
 Trindade, A. 12
 Troner, M. 1355
 Trotter, E. 1613
 Trujillo, Y. P. 2365
 Trump, D. L. 1496
 Tsiatis, A. 1378
 Tsuneta, Y. 783
 Tsutsui, T. 1031

Tucker, J. B. 2165
 Tucker, R. D. 1338
 Tura, S. 623
 Turdugulov, I. 1597
 Tyler, H. R. 2168

U

Ubels-Postma, J. 1605
 Uchino, H. 2489
 Unni, K. K. 1890
 Urban, C. 1221

V

Vague, D. 2543
 Vallecillo, L. A. 1297
 Van Beek, A. A. M. 1605
 Van Der Watt, J. J. 1859
 Van Heerde, P. 1605
 Van Nagell, J. R., Jr. 35, 379
 Van Netten, J. P. 2383
 Van Slooten, E. 2420
 Vatn, M. H. 819
 Vaughn, C. 835
 Veenhoven, W. A. 40
 Velardi, A. 245, 708
 Velasquez, W. S. 1746
 Veltri, R. W. 2021
 Veronesi, U. 2420
 Verschuieren, R. C. J. 61
 Vial, L. 1874
 Villoria, F. 1690
 Vinciguerra, V. 1444
 Viravathana, T. 2015
 Viswanathan, U. 2497
 Vize, M. 1999
 Vlock, D. R. 2289
 Vogelzang, N. J. 234
 Vogler, W. R. 1530
 Volpe, R. 727
 Von Dem Borne, A. E. G. K. 1605
 Vonderheid, E. C. 737
 Von Eschenbach, A. C. 525
 Von Eyben, F. 217

W

Wagman, L. D. 1249
 Wagner, K. M. 797

Wagner, R. I. 2420
 Wagstaff, J. 439
 Walker, A. 239
 Wallace, S. 640, 1762
 Walsh, D. 314
 Walsh, T. J. 48
 Wanebo, H. 427
 Wang, C. C. 239
 Wang, N. 959
 Warfel, K. A. 493
 Warhol, M. J. 878
 Warner, T. F. C. S. 493, 999
 Warnke, R. A. 1817, 1848
 Wasserstrom, W. R. 759
 Waters, K. D. 603
 Wax, S. H. 984
 Webb, T. A. 927
 Weber, P. M. 2587
 Wegner, E. L. 2208
 Weimar, G. W. 2185
 Wein, A. 1367
 Weinberg, R. 1874
 Weinblatt, M. E. 669, 2608
 Weiner, R. S. 1789
 Weingrad, D. N. 1258
 Weisbaum, G. 1465
 Weisenburger, D. D. 1429, 1839
 Weiss, G. B. 921
 Weiss, N. S. 1713
 Wells, J. 722
 Wells, S. A., Jr. 1236
 Welsh, R. 1874
 Wentz, W. B. 2560
 West, W. 859
 Whang-Peng, J. 221
 Wharam, M. D. 2267
 Wharton, J. T. 2242
 Wheeler, T. M. 1924, 2148
 White, D. K. 519
 White, J. 2252
 Whitehead, E. 418
 Whitehouse, M. 1778
 Whitmore, W. F. 1023
 Whitmore, W. F., Jr. 109, 869, 984, 1373
 Wick, M. R. 1652
 Williams, C. J. 1778
 Williams, G. H. 1142
 Williams, W. C. 921

Wills, M. R. 25
 Wilson, H. 835
 Wise, G. J. 984
 Wiseman, C. 1266
 Wolfe, R. A. 163
 Wolff, S. N. 1789
 Wollmann, R. L. 1834
 Wong, W. L. 2029
 Wood, C. A. 323
 Wood, W. 1272, 2259
 Wood, W. S. 596
 Woodhouse, R. J. 655
 Woodruff, J. M. 273
 Woodruff, R. K. 1710
 Woods, R. L. 2437
 Woodward, S. 1413
 Wright, H. 1810
 Wylin, R. F. 538
 Wyrobek, A. J. 2459

Y

Yada, K. 2505
 Yadishita, S. 2505
 Yajima, A. 1504
 Yam, L. T. 927
 Yamaguchi, H. 1624
 Yamamoto, M. 1904
 Yamanaka, N. 1456
 Yamashita, S. 812
 Yano, H. 812
 Yap, H. Y. 1762, 1767
 Yasuda, N. 2489
 Yoneda, J. 35
 Yonemoto, R. 1387
 Yoshida, T. 1491
 Yoshimoto, S. 456
 Yoshino, M. 1491
 Young, A. B. 2276
 Yuh, S.-L. 908

Z

Zampella, E. J. 384
 Zander, A. 251
 Zeijlemaker, W. P. 1605
 Zynch, G. 698
 Zylberberg, B. 1537